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CALENDAR

OF

Queen's College and University

KINGSTON, - CANADA,

FOR THE YEAR 1883-84.



INCORPORATED BY ROYAL CHARTER, A.D. 1841.

KINGSTON :

PRINTED FOR THE UNIVERSITY AT THE BRITISH WHIG OFFICE,
1883.

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1883-1885

E R R A T A .

pp. 44, Insert Buchan Scholarships Nos. 1 and 2 among "Matriculation Scholarships in Theology" instead of among "Scholarships awarded at close of Session."

pp. 59, Add to the Pass List in Senior English the name of S. Crawford.

pp. 64, Strike out from the Pass List in Medical Jurisprudence the figures before the names.

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1883-1885

CONTENTS.

	PAGE.
UNIVERSITY OFFICERS.....	vi
Board of Trustees	vi
Chancellor, &c.	vii
Officers of Instruction	vii
Registrar of Council, &c.	viii
University Council	ix
COLLEGE SOCIETIES	xi
BENEFACTIONS	xiv
Bequests and Special Endowments	xiv
Annual and other Contributions.....	xiv
Bursary Fund	xv
Endowment Fund	xv
Unused Nominations	xv
Founders of Scholarships	xviii
Donations to the Library	xxi
Donations to the Museum	xxii
Form of Bequest	xxii
ACADEMIC YEAR	I
GENERAL ANNOUNCEMENTS	2
Boarding	2
Registration	2
Attendance at Church.....	3
Library	3
Observatory	3
Museum	3
Academic Costume	3
Fees	4
FACULTY OF ARTS.....	5
Matriculation	5
Regulations	5
Subjects of Examination	6-8
Degree of B.A.	9
Honour Course	10
Degree of M.A.	13
Degree of D.Sc.	14
Degree of LL.D.	14
SUBJECTS OF STUDY	15
Latin	15
Junior Class	15
Senior Class	15

Honours	.....	.....	.....	.....	.....	15
Greek	.....	.....	.....	.....	.....	15
Junior Class	.....	.....	.....	.....	.....	15
Senior Class	.....	.....	.....	.....	.....	16
Honours	.....	.....	.....	.....	.....	16
Mathematics	.....	.....	.....	.....	.....	16
Junior Class	.....	.....	.....	.....	.....	16
Senior Class	.....	.....	.....	.....	.....	17
Honours	.....	.....	.....	.....	.....	17
Physics	.....	.....	.....	.....	.....	19
Junior Class	.....	.....	.....	.....	.....	19
Senior Class	.....	.....	.....	.....	.....	19
Honours	.....	.....	.....	.....	.....	20
Physical Laboratory	.....	.....	.....	.....	.....	20
Mental and Moral Philosophy and Political Economy	.....	.....	.....	.....	.....	20
Junior Class	.....	.....	.....	.....	.....	20
Senior Class	.....	.....	.....	.....	.....	21
Honours in Mental Philosophy	.....	.....	.....	.....	.....	21
Honours in Moral Philosophy	.....	.....	.....	.....	.....	21
Honours in Political Economy	.....	.....	.....	.....	.....	22
Theoretical Chemistry	.....	.....	.....	.....	.....	22
Honours	.....	.....	.....	.....	.....	22
Laboratory	.....	.....	.....	.....	.....	23
Practical Chemical Class for Medical Students	.....	.....	.....	.....	.....	24
Natural Science	.....	.....	.....	.....	.....	24
Honours	.....	.....	.....	.....	.....	24
History	.....	.....	.....	.....	.....	26
Honours	.....	.....	.....	.....	.....	26
Rhetoric and English Literature	.....	.....	.....	.....	.....	27
Honours	.....	.....	.....	.....	.....	27
German	.....	.....	.....	.....	.....	27
Junior Class	.....	.....	.....	.....	.....	27
Senior Class	.....	.....	.....	.....	.....	27
Honours	.....	.....	.....	.....	.....	28
French	.....	.....	.....	.....	.....	28
Junior Class	.....	.....	.....	.....	.....	28
Senior Class	.....	.....	.....	.....	.....	28
Honours	.....	.....	.....	.....	.....	28
FACULTY OF LAW	.....	.....	.....	.....	.....	29
Matriculation	.....	.....	.....	.....	.....	29
Degree of LL.B.	.....	.....	.....	.....	.....	29
FACULTY OF THEOLOGY	.....	.....	.....	.....	.....	32
Divinity	.....	.....	.....	.....	.....	32
Hebrew and Chaldee	.....	.....	.....	.....	.....	32
Biblical Criticism	.....	.....	.....	.....	.....	33
Apologetics	.....	.....	.....	.....	.....	33
Church History	.....	.....	.....	.....	.....	33
Matriculation Examination	.....	.....	.....	.....	.....	33
Pass Examination	.....	.....	.....	.....	.....	33

Degree of B.D.	33
Regulations	33
Subjects of Examination	34
Students' Missionary Association	35
GRADUATION IN MEDICINE	36
Degree of M.D.	36
Examination	37
ANNOUNCEMENTS OF ROYAL COLLEGE	37
Prizes	37
Notices	38
SCHOLARSHIPS, &c.	39
Matriculation Scholarships	39
Scholarships for Sessional Examinations	41
Scholarships in Theology	42
Church Bursaries	45
University Prizes	45
Medals	48
HONOURS, MEDALS, PRIZES, &c.,	50
Honour List	50
Gold Medallists	51
Graduate List, 1883	52
Prize and Scholarship List	53
Passmen, 1882-3	55
LIST OF STUDENTS, 1882-3	65
EXAMINATION PAPERS IN ARTS	74
Matriculation Examination	74
Pass Examinations	88
Honour Examinations	135
EXAMINATION PAPERS IN THEOLOGY	157
EXAMINATION PAPERS IN MEDICINE	164
LIST OF GRADUATES	169
LIST OF ALUMNI	190

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Of the elective members seven retire annually, except in every fifth year, when only five retire. Successors are elected by registered graduates and alumni. Retiring members may be re-elected.

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QUEEN'S COLLEGE JOURNAL.

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Brampton S. S	20 00
A Friend	2 00
Interest	2 56

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In connection with the endowment scheme, begun in January, 1869, and also with the building and endowment scheme, begun in May, 1878, paid subscriptions secure privileges according to the following regulations:—

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DUNDAS—T. Wilson.

ORMSTOWN—Rev. W. C. Clark, B.A.

TOSSORONTIO—J. Cumberland.

WOLFE ISLAND—Rev. George Porteous.

(Endowment and Building Fund of 1878.)

KINGSTON—John. R. Dickson, M.D., 3; Rykert Kent, A. F. Macpherson, Judge Price, Mrs. W. T. Scott, the Misses Doran, Miss C. J. Macaulay, T. W. Nash, W. S. Metcalf, M.D., R. J. Carson, L. Clements, Rev. Prof. Ferguson, 2; F. Fowler, M.D., C. F. Gildersleeve, W. Irving, 2; Rev. F. W. Kirkpatrick, A. P. Knight, J. M. Machar, J. Mudie, 2; A. McAllister, G. Robertson & Son, W. Shannon, R. Waldron, R. T. Walkem, 2; S. Woods, R. White, W. Breden, 2; Mrs. Lawson, 4; W. Fee, S. B. Hance, Mrs. William Macaulay, Alex. Ross, Felix Shaw, R. Waldron, 2; Welch & Son,

Clark Wright, Rev. A. B. Nicholson, A. Chown, Abraham Shaw, W. J. Mahood, W. Tyner, Donald Fraser, J. S. Kirkpatrick, Mrs. C. S. Macaulay, J. Dunbar & Co., Rev. J. A. Allan, George Newlands, James Minnes, J. B. Walkem, R. T. Walkem, J. P. Gildersleeve, J. McCammon, M.D., W. B. & S. Anglin, J. G. King, J. Flanigan, Mrs. M. Adair.

PORTSMOUTH—Alexander Cameron.

GUELPH—Rev. Robert Torrance, Rev. J. C. Smith, D. Davidson.

TORONTO—John Jacques, 2; David McGee, 2; John Burns, John Kerr, John Macdonald, J. L. Blaikie, Rev. W. Caven, D.D., D. Coulson, W. Thompson, W. Alexander, John Bain, W. Henderson, A. Jardine, W. McDonald, 2; W. B. McMurrich, A. J. Robertson, J. Leys, G. B. Gordon, Rev. G. M. Milligan, D. R. Wilkie.

GALT—John Goldie, John Lumsden.

COLBORNE—William Young.

WALKERTON—Rev. George Bell, LL.D., 2.

HAMILTON—John Stuart, James Turner, James Walker, A. Harvey, A. E. Malloch, M.D., 3; J. S. Bruce, R. H. Parke, J. H. Parke.

MONTREAL—Mrs. William Murray, 2; — Fortune, 2; William Ewing, Mrs. James Fairie, D. Shaw, John Ogilvie, James Croil, G. M. Kinghorn, A. Mitchell, A. McPherson, Mrs. D. Ross, Rev. J. S. Black, J. A. Cantlic, A. Dennistoun, A. Ewan, John Fair, 2; B. Lyman, H. McLennan, C. D. Proctor, R. Anderson, J. G. Bellhouse, Rev. R. Campbell, A. R. Cruikshank.

OTTAWA—R. C. Harris, Alex. Wallace, G. R. Blyth, J. R. Booth, C. W. Bangs, C. Cameron, Thomas McKay, 2; James Gordon, 4; W. B. Smellie, A. McKellar, John Simpson.

LACHINE—J. P. Dawes, Sr., Rev. D. Ross, B.D.

PORT ELGIN—Robert Douglas, M.D.

CHATHAM, Ont—Rev. J. R. Battisby, W. S. Ireland.

GANANOQUE—George Gillies, Mrs. McDonald, 3; James Herbison, William Byers.

BELLEVILLE—A. L. Brown, 2; Alexander Sutherland, Judge Lazier, A. G. Northrup, Thomas Ritchie, R. Thomson.

SCARBORO'—James Stirling, A. Macpherson, Rev. M. Macgillivray M.A., 2; Beebe Carnaghan, Mrs. J. Green.

PERTH—E. G. Malloch, 2; James Gray, Rev. W. Bain, D.D., Ewen Cameron, Mrs. Weatherhead, James Gray.

KIPPEN—Rev. H. Cameron, S. Thompson, 2; Robert Thomson, George Plewes.

FERGUS—James Muir, Adam Argo.

GODERICH—James Dickson, Rev. R. Ure, D.D.

PETERBORO'—Rev. E. F. Torrance, R. Nichol, 2; R. Hamilton.

STRATFORD—Rev. Thomas Macpherson, Rev. Thomas Macpherson & Son,

LONDON—D. Machie, A. & J. G. Mackintosh.

SMITH'S FALLS—A. Clark, F. T. Frost.

MADOC—Mrs. Wishart, 2.

RENFREW—A. Barent.
SUNBURY—Rev. T. S. Chambers.
BATH—R. Kennedy, M.D.
PINKERTON—Rev. J. Mordy, M.A.
BRANTFORD—J. H. Osborne, J. S. Nichol, C. Cleghorn.
DESERONTO—John Newton, M.D., W. R. Aylsworth, R. C. Carter.
WHITBY—Thomas Dow.
MOUNT FOREST—Rev. D. Fraser, M.A., 2.
WILLIAMSTOWN—James Y. Cameron, M. F. McLennan.
BROCKVILLE—Hon. W. J. Christie, W. H. Comstock.
ORILLIA—Rev. John Gray.
ORONO—James Caldwell.
PAKERHAM—J. Francis.
CORNWALL—W. Ross, A. G. Watson.
CARLETON PLACE—Jos. Gillies.
SARNIA—W. B. Clark, D. Mackenzie, Chas. Mackenzie, John A. Mackenzie, Charlotte Mackenzie, T. & J. S. Symington, Hon. A. Vidal.
BURLINGTON—John Waldie.
MONTSERRAT, TRINIDAD—J. C. Cleaver, M.D.
CAMPBELLFORD—Walter Govan.
SEYMOUR—James Haig, Thomas Hume, A. Ingraham and Mrs. Brown, James Whitton.
ERZEROU, TURKEY—Rev. R. Chambers.
PICKERING—Rev. J. J. Cameron.
STIRLING—James Milne, Robert Parker, J. Tulloch.
BARRIE—Mrs. Shortreed.
EAST WILLIAMS—Rev. J. Wells, D. & J. McArthur.
PRINCE ALBERT, N. W. T.—Rev. J. Sieveright.

FOUNDERS OF SCHOLARSHIPS.

(Endowment Fund of 1869.)

Allan, (Andrew,)	2	Montreal
Allan, (Sir Hugh,)	3	Montreal
Bell, (John)*		Toronto
Bronson, (H. F.)†		Ottawa
Bronson, (E.H.)†		Ottawa
Buntin, (Alex.,)	2†	Montreal
Cameron, (John A.)†		Summerstown
Campbell, (Hon. A.)*		Kingston
Carruthers, (John,)	2	Kingston
Cluness, (W. R.,)	2†	Sacramento, Cal.
Crawford, (Alex.)		Montreal
Currier, (J. M.)		Ottawa
Dennistoun, (Judge,)	2	Peterborough
Dennistoun, (James)		Peterborough
Doran, (Michael,)	2	Kingston
Fleming, (Sandford,)†		Ottawa

Fulton, (Alex. T.)†	Toronto
Gillies, (John).....	Carleton Place
Gilmour, (Allan,) 2†	Ottawa
Gordon, (Rev. D. M.).....	Ottawa
Grant, (J. A.).....	Ottawa
Greenshields, (D. J.).....	Montreal
Hardy, (Edw. H.).....	Kingston
Johnston, (James)†	Montreal
Kinloch, (William)†	Montreal
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Maclennan, (James).....	Toronto
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Macpherson, (Allan)*	Kingston
Malloch, (Mrs. Edw.).....	Ottawa
McGillivray, (N.J.).....	Montreal
Macnee, (James).....	Kingston
Michie, (James,) 2.....	Toronto
Morris, (Hon. A.).....	Toronto
Morrison, (John)†	Montreal
Mowat, (Prof.)†	Kingston
Muir, (Robert)†	Montreal
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Paton, (John)	New York
Perth, (A friend)†	Perth
Rankin, (John,) 2†	Montreal
Reekie, (J. R.)....	Montreal
Shedden, (John,)*	Toronto
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Snodgrass, (Principal,) 2	Kingston
Stephen, (George,) 2.....	Montreal
Stewart, (Mrs. W.).....	Ottawa
Thos. McKay , 2† ‡	Ottawa
Urquhart, (Alex.)	Montreal
Williamson, (Prof.)	Kingston
William Dow , 2†	Montreal

(Endowment and Building Fund of 1878.)

Allan, (A.).....	Montreal
Aitken, (Mrs. Mary).....	Montreal
Armour, (John)	Perth
Beardmore, (W.D.).....	Toronto
Bell, (John).....	Belleville
Breck, (L. H.).....	Garden Island
Breden, (John).....	Kingston
Bronson, (H. F. & E. H.).....	Ottawa
Calvin, (D. D.).....	Garden Island
Cameron, (M. C.)	Goderich
Carruthers, Gunn & Co., 8	Kingston

Cross, (A. J.)	Montreal
Dawes, (T. A., Sr.)	Lachine
Doran, (M.)	Kingston
Dow, (D. S.) 2	Whitby
Drummond, (A. T.)	Montreal
Dupuis, (Prof. N. F.)	Kingston
Fenwick, (G. S.)	Kingston
Ferguson, (Rev. G. D.)	Kingston
Friend, 4	Montreal
Friend	Montreal
Friend	Montreal
Gillies, (John)	Carleton Place
Gilmour, (A.,) and friend, 10 each	Ottawa
Gordon, (Rev. D. M.)	Ottawa
Grant, (Principal.) 5	Kingston
Hay, (R.,) 2	Toronto
Henderson, (P. R.)	Kingston
Hendry, (Mrs. Thomas)	Kingston
Johnston, (J.)	Montreal
Leggatt, (M.)	Hamilton
Kirkpatrick, (G. A.)	Kingston
Macdonnell, (G. M.,) 2	Kingston
Macdonnell, (Rev. D. J.)	Toronto
Macdonnell, (J. M.,) 2	Winnipeg
MacLennan, (James,) 3	Toronto
Macnee, (James)*	Kingston
McBean, (A. G.)	Montreal
McCulloch, (H.)	Galt
McHardy, (F.)	Toronto
McLennan, (John)	Lancaster
McPherson, (Hon. D. L.)	Toronto
McRae, (W. R.)	Kingston
Meighen (Family)	Perth
Michie, (James) 10	Toronto
Mowat, (Prof.)	Kingston
Mylne, (Rev. S.)	Smith's Falls
Nickle, (W.)	Kingston
Rathbun, (Messrs.)	Deseronto
Rogers, (R. V.)	Kingston
Schultz, (Dr.,) 3	Winnipeg
Smith, (Rev. T. G.)	Kingston
Spreull, (The Misses,) 2	Toronto
Stephen, (George,) 10	Montreal
Williamson, (Prof.,) 2	Kingston

DONATIONS TO LIBRARY.

Dominion Government—Census of Canada, and 17 vols. Parliamentary Papers.

Ontario Government—Statutes of Ontario.

Report on Asylums, Ontario.

“ Prisons, ”

“ Hospitals, ”

“ Education, ” 1882.

Nova Scotia Government—Report on Dept. of Mines.

Smithsonian Institution—Smithsonian Report; first report of Bureau of Ethnology.

United States Government, Washington—15 vols. Reports, Dept. of Interior; 3 vols. Reports, Bureau of Education; 2 vols. Reports, Chief of Ordnance Department; 36 vols. Reports, Engineering Department; 33 vols. Department of State; 9 vols. Chief Signal Office; 14 vols. Coast Survey; 8 vols. War Department; 8 vols. Treasury Department; 7 vols. Department of Agriculture.

Family of late Hon. J. Hamilton—219 vols. Miscellaneous.

Mrs. Ewing, Hamilton—14 vols. various old works.

Rev. Prof. Ferguson—5 vols. old Mathematical Works.

Rev. Conway Cartwright—Works of Bishop Coverdale; Liturgies of Edward VI.; Works of Bishop Pilkington; Remains of Archbishop Grindal; Writings of Archdeacon Philpot; Works of Bishop Ridley; Sermons of Bishop Latimer; Writings of Bishop Hooper; Sermons by Archbishop Sandys; Works of Roger Hutchinson; Works of Thomas Becon; Works of Archbishop Cranmer.

A. D. Fordyce, Fergus—Sinclair's Agricultural Report of Scotland; 5 vols. Missionary Herald, 1881.

— Picturesque Quebec.

The Author—Dictionary of the Aneityumese Language.

Rev. J. C. Hamilton—Compend of Baptism.

Rev. Mr. Lawrie—Buchanan's Latin Psalms.

Yale College—Report of the Observatory.

Church of Scotland—1 vol. Reports.

American Marathi Mission, 1 vol.

University of Christiana, 1 vol.

Rev. Dr. Masson—Vestigia Celtica.

Rev. R. Campbell, Montreal—Confession of Faith.

Rev. Dr. Williamson—Mammatt's Geological Facts.

New York Academy of Sciences—Transactions.

The Author—Cartwright, Cases on the B.N.A. Act.

Reform Almanac for 1883.

Proceedings of General Assembly of Victoria.

Proceedings of Synod of Jamaica.

The Editor—Canadian Congregational Year Book, 1881.

On Electrical Experiments to determine the location of the bullet in the body of President Garfield.

Calendars, &c.—From Edinburgh, Glasgow, Aberdeen, St. Andrew's, McGill, Johns Hopkins, Yale, New Jersey, Lafayette, Lehigh, University Coll. (Toronto), Trinity, Trinity Col. Sch. (Port Hope), Dalhousie, Albert, P.E.D. School (Tor.) and the College of Ottawa.

DONATIONS TO MUSEUM, 1882-3.

Geological Survey, Ottawa—330 specimens of rocks, minerals, &c.;
71 Specimens of fossils.

Mr. McKellar—42 Specimens of ores and rocks from the silver mining region of Lake Superior.

D. McTavish—27 specimens of rocks and ores from Colorado.

Government of Nova Scotia per Dr. Honeyman—Collection of ores from Nova Scotia.

Messrs. Gill, Allan & Co.—Their whole collection of specimens of Gypsum, ground and unground, as shown at the last Dominion Exhibition.

A. Macauley—A pig having six feet, preserved in alcohol.

Rev. R. Chambers, Erzeroum, Turkey, (sent to Dr. Williamson, and by him presented to the Museum)—1 inkhorn and pen, 1 pair high wooden sandals, 1 pair shoes, 3 kinds wooden spoons, 6 coffee cups and saucers, beads, toothpick, 2 Bulgarian towels, 2 pin-cushion covers, 1 card case, 1 bit for bridle, 1 horse shoe.

FORM OF BEQUEST.

Every person desirous of bequeathing to the University real estate or personal property, or any manuscripts, books, maps, plans, drawing instruments, geological, botanical, or other specimens, scientific apparatus, works of art, or manufacture, is requested to make use of the following form in his will :

“ I give and bequeath to the Trustees of Queen's College at Kingston, Ont., (*here enumerate and particularize the effects and property intended to be bequeathed*), to be applied by them, in their capacity as Trustees, to the funds of the College (or to the improvement of the Library or Museum, or to the endowment of a Professorship, or to the foundation of a Scholarship or prize), and I hereby declare that the receipt of the Treasurer of the said College for the time being shall be an effectual discharge to my executors for the said legacy.”

ACADEMIC YEAR.

1883.

June.. 4—Candidates for Matriculation required to intimate in writing to the Registrar, the place at which they intend to appear for examination.

..26—Matriculation examinations in Arts begin.

Sept..26—Supplementary examinations begin. (Held in Kingston only.)

Oct... 1—Examination for Mowat Scholarship.

“ .. 3—Classes in Arts open.

“ ..16—University Day—Registration, &c.—Holiday.

Nov.. 7—Matriculation and supplementary examinations in Theology and Medicine begin.

“ .. 8—Time for receiving Essays for University Prizes expires.

“ ..19—Holiday.

Dec..22—Christmas Holidays begin.

1884.

Jan... 8—Classes re-open.

“ ..12—Statutory Meeting of Senate.

Feb.. 6—Holiday.

“ ..16—Time for receiving Essays for Thorburn Prize, and for Gold Medal in History expires.

March 1—Time for receiving Theses for M.D. expires.

“ .. 5—Holiday.

“ ..22—Notice of intention as to ensuing examinations required.

“ ..31—Time for receiving Theses for M.A. and D.Sc. expires.

April 10—Class-work in Arts closes.

“ ..14—Pass and Honour examinations in Arts begin.

“ ..18—Class-work in Theology closes.

“ ..21—Pass Examinations in Theology begin.

“ ..28—Statutory Meeting of Senate for conferring Degrees, &c.

..30—Convocation for distributing Prizes, announcing Honours and laureating Graduates.

GENERAL ANNOUNCEMENTS.

QUEEN'S COLLEGE has, under its Royal Charter, "the style and privileges of a University."

The Forty-Third Session will be opened on the first Wednesday (3rd) of October, 1883.

 *Students are particularly requested to give attention to the contents of the following pages, as all intimations will be strictly adhered to.*

 A compilation of statutes and by-laws, containing information as to scholastic requirements and defining the duties of students, is published separately. Copies are to be obtained from the Registrar.

BOARDING.—No student is allowed to board or lodge in any house not approved of by the Senate, except by permission of parents or guardians given in writing. Information as to approved houses may be obtained from the Registrar. The expense of suitable boarding is moderate.

REGISTRATION.—All students are required to have their names, with other particulars, entered in the University Register. At the time of registration they must produce the Treasurer's receipt for fees. Intrants must also present a certificate of character from their ministers or other competent persons, and sign a declaration promising due respect and obedience to the University authorities, diligent at-

tention to their studies, and a courteous behaviour towards their fellow-students.

ATTENDANCE AT CHURCH.—All students must attend the churches to which they profess to belong, and produce certificates of attendance from their clergymen when required.

THE LIBRARY contains over 12,000 volumes. Students are entitled to the use of it, subject to by-laws.

THE OBSERVATORY.—In 1855 an Astronomical Observatory was founded by subscribers, aided by the City Corporation, and was transferred by deed to the University in 1861. Facilities for obtaining a knowledge of Practical Astronomy will be given to students who apply to the professor.

THE MUSEUM.—Demonstrations are given to students of Natural Science. Friendly services towards the enlargement of the Museum are solicited.

ACADEMIC COSTUME.—All graduates and undergraduates, when attending class or any college meeting, shall wear the costume prescribed by the University.

The distinctive costume of Graduates is in the hood, as follows:—B.A., black bordered with red silk; M.A., scarlet; D.Sc., black, lined with blue, bordered with white; M.D., scarlet, bound on edge with white; B.D., white with crimson plush border; D.D., black, with white lining; LL.D., black silk, lined with blue silk.

FEES.—The following fees are payable strictly in advance—class fees on University Day (16th October); graduation fees before Convocation Day:

The Classes of Chemistry and Physics, each per session	\$12 00
Instruction in the Chemical Laboratory—	
for a session of 6 months	20 00
" " 3 " 	12 00
Instruction in the Physical Laboratory, per session,	10 00
Any other Class, per session	6 00
Registration and Library, per session	4 00
Apparatus, per session	2 00
Matriculation Examination.....	2 00
Pass Examination	2 00
Graduation Fee, Doctor of Science (D.Sc.).....	50 00
" " Bachelor of Arts (B.A.).....	10 00
" " Bachelor of Laws (LL.B.)	10 00
" " Doctor of Medicine (M.D.)	30 00
" " Master of Arts (M.A.)	20 00
" " Bachelor of Divinity (B.D.).....	20 00
" " In Absentia (additional)	10 00
Admission <i>ad eundem gradum</i> , B.A.	10 00
" " " M.A.	20 00

FACULTY OF ARTS.

MATRICULATION.

I.—There are two Matriculation Examinations, a Junior and a Senior. Candidates who pass the Junior Examination take rank as Undergraduates of the first year, and those who pass the Senior Examination take rank as Undergraduates of the second year.

II.—In both of these Examinations, the candidate is required to pass in *one* of the following groups of subjects :

(1)	(2)	(3)
Latin,	French and German,	French and German,
Greek,	Greek,	Latin,
English,	English,	English,
Mathematics.	Mathematics.	Mathematics.

III.—Subsequently to 1883, History and Geography will be added to each group, and there will be an additional examination in every subject for Honours and Scholarships.

IV.—All Honours and Scholarships, after 1883, will be awarded upon the combined results of the Pass and Honour Examinations.

V.—To pass the Junior Examination at least one-fourth of the marks allotted to each subject must be obtained, and to pass the Senior Examination, at least two-fifths.

VI.—A student passing in any subject may attend the class connected therewith, but no student can take rank as an undergraduate, or be eligible for a Scholarship in any department without passing the examination in English.

Subjects of Examination for Junior Matriculation.

PASS.	HONOUR.	
Latin Grammar and Composition. (Caesar, B.G., Bk. IV., ch. 20—36; Bk. V., ch. 8—23. Cicero, Pro Archia. Virgil, Eneid, Bk. V., vv. 1—361.	Latin Grammar and Composition. Translation from authors not specified. (Livy, Book IV., ch. 1—16. 1883 Horace, Odes, Book I. Virgil, Eclog., I., IV., VI., VII., IX. Livy, Book IX., ch. 1—19. 1884 Horace, Odes, Book III. Ovid, Fasti, Book I., vv. 440 to end. Livy, Book IX., ch. 1—19. 1885 Horace, Odes, Book I. Ovid, Fasti, Book I., vv. 1—300. Ovid, Fasti, Bk. I., vv. 1—300.	
LATIN.	GREEK.	
Greek Grammar and Composition. Xenophon, Anabasis, Bk. II. Homer, Iliad, Bk. VI.	Greek Grammar and Composition. Translation from authors not specified. (Demosthenes, Olynthiacs, I., II., III. Homer, Odyssey, Book XII. Demosthenes, Olynthiacs, I., II., III. Homer, Odyssey, Book IX. Demosthenes, Aphobus, I., II. Homer, Odyssey, Book IX.	
GREEK.	ENGLISH.	
Writing from Dictation. Composition of a short Essay on a prescribed subject. Critical Analysis of a selected Poem : 1883—Marmion with special reference to Cantos V. and VI. 1884—Elegy in a Country Churchyard. The Traveller. 1885—Lady of the Lake, with special reference to Canto V. The Task, Bk. V.	An examination on one of Shakspeare's Plays : 1883—Richard III. 1884—Coriolanus. 1885	

<p>Mathematics.</p> <p>ARITHMETIC—A general knowledge of the subject, including Involution and Evolution.</p> <p>ALGEBRA—A general knowledge of the fundamental rules—Factoring—Simple Equations of one or more unknowns—H.C.F. and L.C.M.—Fractions—Quadratics—Problems leading to Simple Equations.</p> <p>GEOMETRY—Euclid, Books I., II., with simple applications of Algebra to Geometry.</p>	<p>ALGEBRA—"Queen's College Junior Algebra," pp. 1-77.</p> <p>GEOMETRY—Euclid, Bk. I., II., III., IV. Application of Algebra to Geometry. Problems.</p> <p>TRIGONOMETRY—The relations of the trigonometrical functions to one another and their application in the solution of simple Problems in regard to triangles and other simple plane figures.</p>	<p>History of England under the Houses of Tudor and Stuart.</p>	<p>History of England into French.</p> <p>Translation from authors not specified.</p>	<p>1883—Emile de Bonnechose, <i>Lazare Hoche</i>.</p> <p>1884—<i>Souvestre, Un Philosophe sous les Toits</i>.</p> <p>1885—Emile de Bonnechose, <i>Lazare Hoche</i>.</p>
<p>HISTORY.</p>	<p>Outlines of Greek History to the close of the Peloponnesian War.</p>	<p>Outlines of Roman History to the end of the Republic.</p>	<p>Outlines of English History to the present time.</p>	<p>A paper on Grammar.</p>

Subjects of Examination for Junior Matriculation—Continued.

	PASS.	HONOUR.
GERMAN.	A paper on Grammar. 1883—Schiller, Belagerung von Antwerpen. Der Taucher. Der Kampf mit dem Drachen.	1883—Schiller, Wilhelm Tell, Acts III. and IV. 1884—Schiller, Wilhelm Tell, Acts I. and II. 1885—Fouque, Die Beiden Hauptleute.
	1884—Schiller, Belagerung von Antwerpen. Der Gang nach dem Eisenhammer. Die Kraniche des Ibycus.	
	1885—Schiller, Belagerung von Antwerpen. Der Taucher. Der Kampf mit dem Drachen.	

SENIOR MATRICULATION.

The work for Senior Matriculation in any subject is the same as that covered by the Pass Examination for the Junior Class. See Subjects of Study, pages 15—28.

DEGREE OF B.A.

I.—The course of study for students who have passed the Junior Matriculation extends over four sessions, and for students who have passed the Senior Matriculation examination over three sessions.

II.—Junior Matriculants must take one of the following groups of subjects :

(1)	(2)	(3)
Jun. Latin,	Jun. French & German,	Jun. French & German
Sen. Latin,	Sen. " " "	Sen. " "
Jun. Greek,	Jun. Greek,	Jun. Latin,
Sen. Greek,	Sen. Greek,	Sen. Latin,
Jun. English,	Jun. English,	Jun. English,
Jun. Mathematics.	Jun. Mathematics.	Jun. Mathematics.

III.—Senior Matriculants must take one of the following groups :

(1)	(2)	(3)
Sen. Latin,	Sen. French & German,	Sen. French & German,
Sen. Greek.	Sen. Greek.	Sen. Latin.

IV.—All students must take the classes of Junior Philosophy (Mental and Moral), Senior English and Junior Physics.

V.—All students must take two of the following classes : History, Chemistry, Natural Science, Junior Hebrew, Senior Mathematics, Senior Physics, Senior Philosophy.

VI.—At the close of every session examinations are held, at which students may present themselves for examination in not more than three subjects of the prescribed course. But in the first year the following four subjects may be offered : Junior Latin, Junior Greek, (or the equivalent of either), Junior English and Junior Mathematics. Candidates may also offer any subject in which they have previously failed.

VII.—Supplemental examinations are held, beginning on the last Wednesday in September.

VIII.—In exceptional cases the Senate may allow a candidate to come up for examination without attendance on classes, but he will be examined not only on the class-work indicated in the CALENDAR, but also on work specially prescribed.

The Senate recommends the following order of classes :

FIRST YEAR—Junior Latin, Junior Greek (or the equivalent of either in Modern Languages), Junior Mathematics.

SECOND YEAR—Senior Latin, Senior Greek (or the equivalent of either in Modern Languages), Junior English.

THIRD YEAR—Junior Philosophy, Junior Physics, Senior English.

FOURTH YEAR—The two classes referred to in Regulation V. for the Degree of B.A.

HONOUR COURSE.

[Honours may be taken in a single subject, but those students only who take a department in the Honour course rank as Honour students.]

I.—There are four departments in the Honour course : Literature, Philosophy, Mathematics, and Science.

II.—Honours may be obtained in Literature by taking honours in—

- (a) Latin and Greek (or the equivalent of either in Modern Languages).
- (b) Latin or Greek, English and History.
- (c) French, German, English and History.

III.—Honours may be obtained in Philosophy by taking Honours in Mental and Moral Philosophy and Political Economy.

IV.—Honours may be obtained in Mathematics by taking Honours in—

- (a) Pure Mathematics, together with the class of Senior Physics.
- (b) Physics, together with the class of Senior Mathematics, and the Differential and Integral calculus.

V. Honours may be obtained in Science by taking Honours in—

- (a) Chemistry, and any two of the following subjects :—Botany, Zoology, Geology.
- (b) Chemistry, Experimental Physics and Practical Astronomy.

VI.—Candidates for Honours are required to take only the subject or subjects mentioned in Regulation V. for Degree of B.A. relating to their Honour department.

VII.—Candidates for Honours in Mathematics or Science are not required to take Senior Classics.

VIII.—Any candidate pursuing an Honour course, and failing to take at least Second-Class Honours, will not be admitted to the degree of B.A., unless he completes the Pass course.

IX.—Any candidate who fails to obtain Honours or who obtains only Second-Class, may present himself a second time for examination.

X.—*First-Class* Honours are given to the candidate who obtains three-fourths of the number of marks allotted to the subject.

XI.—*Second-Class* Honours are given to the candidate who obtains two-thirds of the number of marks allotted to the subject.

XII.—Graduates may attend the classes in Honours on payment of the registration fee.

HONOUR STUDENTS.

In the case of students reading for Honours the Senate recommends the following order of classes :

I. LITERATURE.

(a)

FIRST YEAR—Junior Latin, Junior Greek (or the equivalent of either in Modern Languages), Junior Mathematics, Junior English.

SECOND YEAR—Senior Latin, Senior Greek (or the equivalent of either in Modern Languages), Senior English.

THIRD YEAR—Junior Physics, with Honours in Classics.

FOURTH YEAR—Junior Philosophy, with Honours in Classics.

(b)

FIRST YEAR—Junior Latin, Junior Greek (or the equivalent of either in Modern Languages), Junior English, Junior Mathematics.

SECOND YEAR—Senior Latin or Senior Greek, Senior English and History.

THIRD YEAR—Junior Physics, Honour Latin or Greek, Honour English and History.

FOURTH YEAR—Junior Philosophy, Honour Latin or Greek, Honour English and History.

(c)

FIRST YEAR—Junior Latin or Junior Greek, Modern Languages, Junior Mathematics, Junior English.

SECOND YEAR—Senior French and German, Senior English, History.

THIRD YEAR—Junior Physics, Honour French and German, Honour English and History.

FOURTH YEAR—Junior Philosophy, Honour French and German, Honour English and History.

II. PHILOSOPHY.

FIRST YEAR—Junior Latin, Junior Greek (or the equivalent of either in Modern Languages), Junior English, Junior Mathematics.

SECOND YEAR—Senior Latin, Senior Greek, Junior Philosophy.

THIRD YEAR—Junior Physics, Senior Philosophy and Honour Philosophy.

FOURTH YEAR—Senior English, Honour Philosophy.

III. MATHEMATICS.

(a)

FIRST YEAR—Junior Latin, Junior Greek (or the equivalent of either in Modern Languages), Junior English, Junior Mathematics.

SECOND YEAR—Senior Mathematics, Junior Physics, Senior English.

THIRD YEAR—Honour Mathematics, Senior Physics.

FOURTH YEAR—Honour Mathematics, Junior Philosophy.

(b)

FIRST YEAR—Junior Latin, Junior Greek (or the equivalent of either in Modern Languages), Junior Mathematics, Junior English.

SECOND YEAR—Senior Mathematics, Junior Physics, Senior English.

THIRD YEAR—Honour Mathematics, Senior Physics, Honour Physics.

FOURTH YEAR—Junior Philosophy, Honour Physics.

IV. SCIENCE.

(a)

FIRST YEAR—Junior Latin, Junior Greek (or the equivalent of either in Modern Languages), Junior Mathematics, Junior English.

SECOND YEAR—Natural Science, Chemistry, Junior Philosophy.

THIRD YEAR—Junior Physics, Honour Chemistry, Honour Natural Science.

FOURTH YEAR—Senior English, Honour Chemistry, Honour Natural Science.

(b)

FIRST YEAR—Junior Latin, Junior Greek (or the equivalent of either in Modern Languages), Junior Mathematics, Junior English.

SECOND YEAR—Chemistry, Junior Physics, Junior Philosophy.

THIRD YEAR—Honour Chemistry, Honour Experimental Physics, Senior English.

FOURTH YEAR—Honour Chemistry, Honour Experimental Physics Practical Astronomy.

These regulations apply to Matriculants of Session 1883-84 and thereafter. Matriculants of previous sessions may adhere to the former regulations or choose these, but cannot adopt either partially.

DEGREE OF M.A.

I.—This degree can not be obtained until one year from the date of graduation as B.A.

II.—It is conferred upon candidates who have obtained Honours in any one of the Departments of the Honour course.

III.—Candidates must offer a satisfactory Thesis upon some subject connected with their Honour department. This Thesis must be sent in to the Registrar not later than the last day of March.

DEGREE OF D.Sc.

I.—This degree can not be obtained until two years from the date of graduation as M.A.

II.—It is conferred upon candidates who have obtained first-class Honours in any two of the departments of the Honour course.

III.—The candidate must deliver in the University a course of at least three lectures upon some subject connected with one of his Honour departments. These lectures must be sent in to the Senate for approbation not later than the last day of March.

DEGREE OF LL.D.

This degree is honorary, and is awarded for literary, scientific or professional distinction.

SUBJECTS OF STUDY.

LATIN.

JUNIOR CLASS.

Cicero, *De Senectute*.
Horace, *Odes*, Bk. I., II.
Translation from authors not specified.
Latin Grammar and Composition.

SENIOR CLASS.

Cicero, *Philippic I.*
Pro Milone.
Virgil, *Æneid*, Bk. IX., X.
Translation from authors not specified.
Latin Grammar and Composition.

HONOURS.

Tacitus, *Annals*, Bk. I., II.
Livy, Bk. XXI.
Cicero, *De Oratore*, Bk. II.
Philippic II.
Pro Murena.
Lucretius, Bk. II., III.
Virgil, *Æneid*, Bk. VII., VIII.
Plautus, *Trinummus*.
Terence, *Phormio*.
Horace, *Odes* and *Satires*.
Juvenal, *Satires* III., VII., VIII., X.
Translation from authors not specified.
Latin Grammar and Composition.

BOOKS RECOMMENDED.

Cruttwell's *Roman Literature*.
Peile's *Etymology*.
Papillon's *Comparative Philology*.
Wordsworth's *Fragments and Specimens of Early Latin*.
Allen & Greenough's *Latin Grammar*.

GREEK.

JUNIOR CLASS.

Xenophon, *Anabasis*, Bk. VI., VII.
Euripides, *Rhesus*.
Translation from authors not specified.
Greek Grammar and Composition.

SENIOR CLASS.

Thucydides, Bk. III., IV.
Sophocles, Oedipus Rex.
Translation from authors not specified.
Greek Grammar and Composition.

HONOURS.

Herodotus, Bk. IX.
Thucydides, Bk. III., VII.
Demosthenes, De Corona.
Aristotle, Ethics, I., II., X.
Plato, Apology.
Theaetetus.
Republic, Bk. I., IV.
Homer, Iliad, Bk. VI., XVIII., XXII.
Odyssey, Bk. VI., XII., XXI.
Æschylus, Agamemnon.
Prometheus.
Sophocles, Ajax.
Philoctetes.
Euripides, Medea.
Aristophanes, Clouds.
Pindar, Isthmian and Nemean Odes.
Translation from authors not specified
Greek Grammar and Composition.

BOOKS RECOMMENDED.

Mahaffy's Greek Literature.
Goodwin's Greek Grammar.
Papillon's Comparative Philology.

MATHEMATICS.

JUNIOR CLASS.

Algebra—Higher forms of Multiplication and Division—Synthetic Division. Substitution. H.C.M. and L.C.M. Fractions. Ratio and Proportion. Equations. Indices and Surds. The Quadratic Equation. Elimination. Inequalities. Series, —Arithmetic, Geometric and Harmonic. Variation. Permutations, &c. Binomial Theorem. Logarithms. Exponential Equations. Continued Fractions. Series of Square and Triangular Numbers. Indeterminate Co-efficients.

The text book employed is the "Queen's College Junior Algebra."

Geometry—Euclid, Bks. II., III. and VI. with portions of Bks. IV. and V. Elementary Geometry of Planes and Solids. Elementary work with Co-ordinates.

The propositions of Euclid will be supplemented by modern geometrical methods, such as continuity, geometrical plotting, elementary projections, application of limits, &c.

Trigonometry—The functions of Angles with their relations and

simpler combinations. Application of these to the Triangle, the Polygon, and to the solutions of simple Trigonometrical problems.

SENIOR CLASS.

This is practically an Honour class ; but being an extension of the work of the Junior class into the commoner departments of the higher mathematics it should be taken by every student who is preparing for the profession of a teacher.

Algebra—Elementary theory of Equations. Elimination and elementary Determinants. Evaluation of Indeterminate expressions. Principle of Indeterminate Co-efficients. "Functions" Series, Convergence and Divergence. Summation. Partial Fractions. Algebraical expansions. Reversion of Series. Binomial Theorem, &c. Exponential and Logarithmic Series. Computation of Logarithms. Expansion of Trigonometrical and Circular functions. Expressions for π . Euler's formulæ for Sine, &c., in imaginary exponentials. DeMoivre's formula. Cote's formula. Summation of Trigonometrical Series. Resolution into factors. Wallis Series, &c.

Geometry—Co-ordinate Geometry of lines of the first and second orders (conics). Elements of Co-ordinate Geometry of three dimensions.

Trigonometry—All the principal relations of Plane Trigonometry. The first principles of the Differential Calculus. Problems and examples.

In the Algebra students may read portions of Wood, Hind, Garnier, Gross or Todhunter.

In the Geometry, Puckle, Todhunter, Turnbull, or occasionally Salmon.

In the Trigonometry, Snowball, Hymers, or Todhunter.

HONOURS.

The complete Honour course extends over four years, but students who are competent to do so are allowed to take the whole work in three years.; i. e. they may take the Honour work of the first year along with that of the second year.

At the close of each session examinations will be held upon the work of each year, but a candidate

for Honours will be allowed to take the whole of the work in at least two examinations, one of which must be at the close of his final year. At the last examination the candidate for Honours must take all the pass papers; and his special papers may include questions from any part of the Mathematical course.

FIRST YEAR.

Modern Geometry—Theory of positive and negative in Geometry. Of Continuity. Of Maxima and Minima. Theory of the Mean Centre. Concurrence and Collinearity. Theory of inverse points with respect to a circle. Of pole and polar. Problems.

SECOND YEAR.

Modern Geometry—Of Pole and Polar. Of the Radical Axis of Circles. Of Centres and Axes of Similitude. Figures in perspective. Harmonic and Anharmonic Section. Harmonic and Anharmonic properties of the line and circle. Duality and Reciprocation. Involution and Homographic Systems.

THIRD YEAR. •

Algebra—Theory of Determinants. Recurring Series. Differential Series. Theory of Interpolation. Elementary Calculus of finite Differences. Theory of Continued Fractions. Contingents. Probabilities.

Geometry—Conics. Transformations of the General Equation. Trilinear Co-ordinates. Contact of Conics. Higher Properties.

Trigonometry—Spherical, with its applications to Geology, Astronomy and Navigation.

Differential Calculus as applied to two variables. Applications to Curves, &c.

Elementary Integral Calculus.

FOURTH YEAR.

Algebra—Symmetric and Skew-Symmetric Determinants. Symmetric functions. Discriminants. Invariants and covariants.

Geometry—Co-ordinate of three dimensions. Higher theorems in Plane Geometry.

Differential Calculus applied to three variables. Integral Calculus. Higher Plane Curves.

Elements of Quaternions.

PHYSICS.

JUNIOR CLASS.

In this class the various subjects will be treated to a great extent experimentally, but the student will also be introduced to the simpler applications of Geometry, Algebra, and the rudiments of Trigonometry to physical questions. The subjects treated will be :

I. Dynamics, (a) of Solids, (b) of Fluids.

Under this heading those subjects commonly called Mechanics, Hydrostatics, Hydrodynamics, and Pneumatics are included.

II. Properties of Matter,—embracing such subjects as Mass, Density, Gravitation, Specific Gravity, Weight of Gases, Elasticity, Molecular Forces, Energy—its divisions and fundamental principles, Theories of Matter.

III. Heat,—including Thermometry, Calorimetry, Hygrometry, Latent Heat, Transference of Heat, (Conduction and Radiation), Dynamical Theory of Heat.)

IV. Light, (a) Geometrical Optics, (b) Physical Optics,—including the Laws of Radiant Energy generally, the construction and uses of Optical Instruments, and Spectrum Analysis.

V. Acoustics, including the Physical Theory of Music and Optical Methods of studying vibratory motions.

VI. Magnetism, with special reference to terrestrial magnetism.

VII. Electricity, including Frictional Electricity, Voltaic Electricity, Magneto-Electricity, Electro-Magnetism, Diamagnetism, Electro-Dynamics, Thermo-Electricity.

The only text-book used will, for the present, be Todhunter's Mechanics for beginners. The student should frequently consult the following works :

1. Deschanel's Natural Philosophy or Ganot's Physics.
2. Everett's C. G. S. system of units.
3. Chambers' Mathematical Tables.

He will find Clerk Maxwell on Matter and Motion, and Tait's Recent Advances in Physical Science very valuable as works of reference.

SENIOR CLASS.

The student may read the following works :

In Dynamics : Thomson and Tait's Elementary Natural Philosophy, Part I. Phears' Hydrostatics. Frosts' Newton's Principia.

In Heat : Balfour Stewart's Heat, Clerk Maxwell's Theory of Heat, Tait's Thermodynamics.

In Optics : Dupuis' Geometrical Optics, Lloyd's Wave Theory of Light.

In Acoustics : Taylor's Sound and Music.

In Electricity : Cumming's Theory of Electricity.

HONOURS.

Students studying for Honours will have the opportunity of reading with the professor the applications of the Higher Mathematics to Physics.

PHYSICAL LABORATORY.

The Physical Laboratory is open for the use of students from 10 A.M. until 3 P.M., during the session. Its object is two-fold : (1) to make students familiar with physical instruments, and the modes of using the same, so as to enable them to verify what is taught as the true interpretation of physical phenomena, and the laws which govern these ; (2) to render assistance to competent students to carry on original investigations.

MENTAL AND MORAL PHILOSOPHY AND POLITICAL ECONOMY.

JUNIOR CLASS.

This class meets six days a week, four of which are devoted to Metaphysics, Psychology and Ethics, one to Logic, and one to Political Economy.

The text-books used are Jevons' Lessons in Logic, and Rogers' Manual of Political Economy.

The lectures on Mental and Moral Philosophy embrace a critical account of philosophical systems, and the outlines of a system of philosophy.

Weekly exercises are required of students.

SENIOR CLASS.

This class meets five days a week, and deals with the higher problems of Philosophy. During the present session the work of the class will consist mainly in the study and critical examination of the philosophy of Kant.

“The Philosophy of Kant in Extracts” is used as a text-book.

Students are required to write the essays prescribed.

PRIVATE CLASS.

This class is intended partly for the study of the work prescribed for Honours, but mainly for the independent investigation by students of philosophical systems and theories.

HONOURS.

A. MENTAL PHILOSOPHY.

Candidates will be examined on the following books :

Plato's Republic and Theætetus.

Aristotle's De Anima.

Descartes' Discourse on Method and Meditations.

Locke's Essay on the Human Understanding.

Berkeley's Philosophical Writings (Fraser).

Hume's Treatise on Human Nature, Vol. I., with Green's Introduction (Green and Grose's edition.)

Kant's Critique of Pure Reason and Prolegomena,

Mill's System of Logic.

B. MORAL PHILOSOPHY.

Candidates will be examined on the following books :

Aristotle's Nichomachean Ethics.

Spinoza's Ethics and De Intellectus Emendatione.

Hume's Treatise on Human Nature, Vol. II., with Green's Introduction (Green and Grose's edition).

Kant's Critique of Practical Reason (Abbott).

Hegel's Philosophy of History.

Maine's Ancient Law.

Familiarity with the substance of the main philosophical systems of ancient and modern times is expected.

C. POLITICAL ECONOMY.

Candidates are required to show a thorough knowledge of the Principles of Political Economy. They will be examined on the following books, although a minute knowledge of them is not expected :

- Smith's Wealth of Nations (Rogers's edition).
- Mill's Principles of Political Economy.
- Fawcett's Manual of Political Economy.
- Roscher's Principles of Political Economy.

In addition, they are required to write an essay on the Commercial Relations of Canada to Great Britain and the United States. The essay must be given in to the Secretary of the Senate not later than April 7, 1884.

THEORETICAL CHEMISTRY.

The lectures in this class will be upon the general principles of the science. The greater part of the session will be devoted to the study of Inorganic Chemistry, but there will also be—towards the close—some lectures on Organic Chemistry.

TEXT-BOOK—Roscoe's Elementary Chemistry.

LECTURES ON ORGANIC CHEMISTRY.

There will be given to senior students a course of lectures on Organic Chemistry.

HONOURS.

The course for Honours extends over two years, and consists of Book-work and Laboratory work.

The *Book-work* will comprise Theoretical, Inorganic and Organic Chemistry, the chemical Technology of the more important substances used in the arts and manufactures, and chemical Physics.

BOOKS FOR CONSULTATION.

Fownes' Chemistry by Watts.
Armstrong's Organic Chemistry.
Roscoe & Schorlemmer's Chemistry (Inorganic and Organic).
Miller's Chemistry (Inorganic and Organic, New Ed.).
Miller's Chemical Physics.
Lockyer on the Spectroscope.
Wagner's Technology, &c.

LABORATORY.

Students who have passed satisfactorily the examinations in the class of Theoretical Chemistry may enter the Laboratory. The first year's work will consist of a thorough course of Qualitative chemical analysis. The second year will be given to Quantitative work.

The Laboratory is open daily from 10 A.M. to 4 P.M.

Each student is supplied with a gas burner, retort stand, and filter stand, and with all necessary reagents, excepting one or two, such as Nitrate of Silver and Chloride of Platinum, which he must provide for himself. He must likewise provide himself with the common apparatus required for daily use. Larger and more expensive pieces will be lent when required, the student being responsible for them in the event of breakage.

Apparatus can be had from the laboratory store, and, if, at the end of the session, it is returned unbroken, two-thirds of the cost price will be allowed. Laboratory students of the second year must also supply themselves with a platinum crucible and a set of chemical weights.

LABORATORY TEXT-BOOKS.

Fresenius's Qualitative Analysis.
Fresenius's Quantitative Analysis.

PRACTICAL CHEMISTRY CLASS FOR MEDICAL STUDENTS.

This class opens in November and meets for three months on Tuesday, Wednesday and Thursday of each week, from 12 to 1 o'clock.

The regulations as regards apparatus are the same as given above for the other laboratory students.

TEXT-BOOK.—MacAdam's Practical Chemistry.

NATURAL SCIENCE.

The lectures embrace an outline of the subjects of Botany, Zoology and Geology.

The Botany deals with the minute Anatomy, the Physiology and the Morphology of plants, together with the principles of Botanical Classification, and with a study of a few typical orders.

The Zoology includes the study of the leading types of animal structure, together with a general view of Comparative Anatomy and Physiology.

The Geology includes Dynamical Geology, Lithology, Palæontology and Systematic and Chronologic Geology.

No text-book is used in this class, but the following should be consulted :

- Huxley and Martin's Elementary Biology.
- Gray's Structural Botany.
- Macnab's Text book of Botany.
- Packard's Zoology,
- Dana's Manual of Geology.

Students are required to give in monthly essays.

HONOURS.

The course for Honours extends over two years, and consists of Book-work and Laboratory work. Students intending to take Honours will find it

greatly to their advantage to collect as many specimens as possible of the objects belonging to each department of study.

FIRST YEAR EXAMINATION.

Botany—A practical acquaintance with the leading orders of the Phænogamous plants of Canada. Gray's Manual of Botany and Wood's Class-Book of Botany will be used for the determination of species.

Gray's Structural Botany.
Bessey's Botany.

Zoology—An accurate knowledge of the structure, habits, and distribution of all the native species of one Class or Division of the Vertebrated Animals of Canada.

Huxley's Vertebrated Animals.
Jordan's Manual of American Vertebrates.
Packard's Zoology.
Foster & Balfour's Elements of Embryology.

Geology—A practical acquaintance with the common rocks and minerals.

An accurate knowledge of

Dana's Manual of Geology.
Lyell's Principles of Geology.
Page's Physical Geography.

SECOND YEAR EXAMINATION.

Botany—A more extensive knowledge of General Botany, including Distribution of Plants in Time and Space. A practical acquaintance with one of the larger Divisions or Classes of the Cryptogamous plants of Canada.

Economic Botany.
Sachs's Text-Book of Botany.

Zoology—An accurate knowledge of the Morphology, Development and Distribution in Time and

Space of the principal Groups of Animals. A special acquaintance with some larger Class or Division of the Invertebrated Animals of Canada.

Huxley's Invertebrated Animals.
Wallace's Distribution of Animals.
Mivart's Elementary Anatomy.
Huxley's Elementary Physiology.

Geology—A more extensive knowledge of theoretical and practical Geology. A special acquaintance with Canadian Geology.

Chapman's Geology of Canada.
Nicholson's Palæontology.
Croll's Climate and Time.

HISTORY.

Lectures. I. Ancient History—(1) On Early Aryan Institutions.
(2) On the development of Greek and Roman civilization.

II. Modern History—(1) On the Feudal System. (2) On the rise of the Italian Republics and the Communes in France. (3) On the development of the French Monarchy. (4) On the British Constitution.

Text Books—(1) Rawlinson's Manual of Ancient History. (2) Hallam's Middle Ages.

Books recommended—Gladstone's *Juventus Mundi*, Curtius' History of Greece, Grote's History of Greece, Boeck's Public Economy of the Athenians, Mommsen's History of Rome, Guizot's History of Modern Civilization, Stubbs' Constitutional History of England, Hallam's and May's History of the British Constitution, Sir James Stephens' Lectures on the History of France, Taswell-Langmead's English Constitutional History.

HONOURS.

First Year—(1) Guizot's Representative Government. (2) Stubbs' Constitutional History of England, Vols. I., II.

Second Year—(1) Stubbs' Constitutional History of England, Vol. III. (2) Hallam's Constitutional History from Henry VIII. (3) May's Constitutional History.

RHETORIC AND ENGLISH LITERATURE.

JUNIOR CLASS.

Lectures. I. On Composition.

II. Critical review of Works of various authors in Poetry and Prose.

Subject for examination—English Literature to the period of the Reformation.

SENIOR CLASS.

Lectures. I. On Prosody.

II. On the Literature of the 16th and 17th centuries.

Weekly essays are required in each class.

Books recommended—Max Muller's Science of Language, Marsh's Lectures on the English Language, Maetzner's English Grammar, Craik's English Literature, Taine's English Literature, Gervinus' Commentaries on Shakespeare, Dowden's Shakespeare's Mind and Art, Hudson's Shakespeare's Life, Art and Characters.

HONOURS.

First Year—(1) Marsh's Anglo-Saxon Grammar. (2) Thorpe's *Analecta Anglo-Saxonica*. (3) Chaucer's Prologue to Canterbury Tales. (4) Spenser's *Faerie Queene*, Books I. and II.

Second Year—(1) Beowulf. (2) Chaucer's Knight's Tale. (3) Lectures on the Teutonic Sagas.

MODERN LANGUAGES.

In all the examinations of this Department passages will be set for translation from works not specified. No candidate shall be entitled to first-class Honours, unless the examiner be satisfied of his ability to maintain a conversation in these languages.

GERMAN.

JUNIOR CLASS.

Otto's German Grammar. Composition.

"Das Jahr, 1813," Schlosser (Clarendon Press series)
Schiller's *Die Jungfrau von Orleans*.

Gostwick and Harrison's "Outlines of German Literature."

SENIOR CLASS.

Composition. History of the Language.

Göethe, *Tasso*.

Schiller's *Dreissig Jæhrigen Kriegs*.

Lessing, *Minna Von Barnhelm*.

HONOURS.

Gœthe, Faust, 1st part.
Wieland, Oberon, Cantos VII. to XII.
Lessing, Nathan der Weise
Nibelungen Lied, Aventt. I. to V.
Schleicher, Die Deutsche Sprache.
Helfenstein, Comparative Grammar of Teutonic
Languages.

FRENCH.

JUNIOR CLASS.

Grammar. Composition.
Erckmann-Chatrian, Le Conscrit de 1813.
Racine, Athalie.
Lamartine, Christophe Colomb.

SENIOR CLASS.

Louis XIV. et ses contemporains. (Clarendon series)
Corneille, Horace.
Voltaire, Alzire.
Racine, Iphigenie.
History and Etymology of the French Language.

HONOURS.

Victor Hugo, Hernani.
Moliere, Les Fourberies de Scapin, Le Tartufe.
Corneille, Cinna, Le Cid.
Cousin, Introduction a l'histoire de la Philosophie.
Vinet, Etudes sur Blaise Pascal.
Brachet, Grammaire Historique.
Demogeot, Litterature Francaise.
Littré, Histoire de la Langue Francaise.
Diez, Grammaire des Langues Romaines.

FACULTY OF LAW.

MATRICULATION.

I.—The Junior Matriculation examination is the same as the Junior Matriculation in Arts.

II.—The Senior Matriculation examination is the same as the Senior Matriculation in Arts, with the addition of Taswell-Langmead's Constitutional History.

DEGREE OF LL.B.

I.—The course of study for students who have passed the Junior Matriculation examination extends over four sessions, and for students who have passed the Senior Matriculation over three sessions.

II.—Junior Matriculants must take the following subjects :

- Junior Latin.
- Senior Latin.
- Junior Mathematics.
- Junior Physics or Chemistry.
- Junior French.
- Senior French.
- Junior Philosophy and Political Economy.
- English Literature.
- History.
- Roman Law and
- Constitutional Law and History.
- The Law of Real Property.
- Equity.
- Common Law.
- Criminal Law and Medical Jurisprudence.
- Commercial Law.

III.—Senior Matriculants must take the following subjects :

- Senior Latin.
- Junior Physics or Chemistry.

Senior French.
Junior Philosophy and Political Economy.
English Literature.
History.
{ Roman Law and
Constitutional Law and History.
The Law of Real Property.
Equity.
Common Law.
Criminal Law, and Medical Jurisprudence.
Commercial Law.

IV.—The candidate for graduation must in each session pass an examination upon the subjects in Arts he has studied, but he is not allowed to present himself for examination upon more than three of those subjects at one time, unless he has previously failed in some subject.

V.—He must also pass an examination in the last year of his course in all the Professional subjects prescribed.

CURRICULUM OF LAW FACULTY.

The legal studies for the degree of LL.B. will extend over three sessions.

Every candidate must have regularly attended the classes prescribed in Constitutional History, Criminal and Commercial Law, Common Law, Real Property Law, Equity, Roman Law, and Medical Jurisprudence, throughout his course.

Any graduate in Arts of Queen's University, who is also a Barrister-at-Law, will be admitted to the degree of LL.B. upon passing an examination to be prescribed by the Faculty.

COURSE OF INSTRUCTION.

1. CONSTITUTIONAL HISTORY.—Two lectures a week. Text-books recommended—Stubbs' Constitutional History, Hallam's History of British Constitution, Taswell-Langmead's English Constitutional History.

2. CRIMINAL AND COMMERCIAL LAW.—One lecture a week. Text

books recommended—Smith's Mercantile Law ; Blackstone's Commentaries, Vol. IV. ; Russell on Crimes ; Harris' Criminal Law.

3. ROMAN LAW.—One lecture a week during the Second and Third years. Text-books—Justinian (Sandars' edition), or Tomkins and Jenckens' Compendium of Roman Law, Kent's Commentary on International Law, or Wheaton's International Law.

4. COMMON LAW.—Two lectures a week. Text-books—*First Year* Smith's Manual of Common Law and Blackstone's Commentaries, Vol. I. *Second and Third Years*, Smith and Pollock on Contracts, Underhill on Torts.

5. MEDICAL JURISPRUDENCE.—Two lectures a week during the third year. Text-book—Taylor's Medical Jurisprudence.

6. REAL PROPERTY.—One lecture a week during First year. Text-book—Williams on Real Property. During Second and Third years two lectures a week. Text-books—Leith's Blackstone, Dart's Vendors and Purchasers.

7. EQUITY. One lecture a week during first year ; two lectures a week during second and Third Years. Text-books—Smith's Manual of Enquiry, Snell's Principles of Equity, Taylor's Equity Jurisprudence.

Prizes will be given to the students of the first year, standing first and second at the written examinations at the close of the session.

Graduates in Arts, being Barristers-at-Law, will be admitted to the degree of LL.B., upon passing an examination on the following subjects : Taswell-Langmead's English Constitutional History, May's Constitution History, Russell on Crimes, Justinian's Institutes (Sandar's edition), Tomkins and Jencken's Compendium of Roman Law, Wheaton's International Law, Pollock on Contracts, Underhill on Torts, Dart's Vendors and Purchasers, Snell's Principles of Equity, Taylor's Equity Jurisprudence, Maine's Ancient Law.

Candidates are required to send notice to the Registrar of their intention to attend this examination by the 20th day of March.

FACULTY OF THEOLOGY.

Matriculation and pass examinations begin on Wednesday, 7th November.

The prescribed order of classes must be observed by all students who are candidates for the degree of Bachelor of Divinity.

I. DIVINITY.

Lectures on the Evidences of Religion natural and revealed, including the canonicity, authenticity, genuineness and credibility of the Biblical Records ; the Inspiration and authority of the Scriptures ; Systematic Theology ; the Pastoral Office ; and Homiletics—with prelections and examinations on Hill's Lectures in Divinity, Butler's Analogy, and Greek Testament for Doctrinal Exegesis. Students have opportunities of conducting devotional exercises, practising pulpit elocution, and performing missionary work. The course extends over three sessions.

II. HEBREW AND CHALDEE.

FIRST YEAR.

Wolfe's Hebrew Grammar.
Gen. XX—XXIV.
Josh. IX., X.
I Sam. I—IV.
Ps. XLII—L.
Translations into Hebrew.

SECOND YEAR.

Gesenius' Hebrew Grammar.
Lev. XVI.
Num. XIII., XIV.
Jer. XV., XVI.
Ps. CXX—CXXXIV.
Is. I., II.
Prov. I—III.
Translations into Hebrew.

THIRD YEAR.

Gesenius' Hebrew Grammar.
Winer's Chaldee Grammar.
Ps. CX—CXIX.
Isaiah XLII—LI.
Dan. II., III.
Ezra IV., V.

III. BIBLICAL CRITICISM.

Micah in LXX. The two Epistles of Peter and the three Epistles of John in Greek. Biblical Archæology. Oehler's Theology of Old Testament, and Lectures.

IV. APOLOGETICS.

Lecturer for the session of 1883-84 : Rev. Donald Ross, B.D.

V. CHURCH HISTORY.

The Reformation. Fisher's History of the Reformation. Lecturer for the session of 1883-84 : Rev. James Carmichael.

The Church requires the following discourses to be delivered during the course :—Homily ; Lecture and Greek Exercise ; Sermon and Hebrew Exercise.

MATRICULATION EXAMINATION.

1883-84.—Westminster Confession ; Hill's Lectures, Bk. I. ; Gospel by Mark in Greek and English ; Examination in Hebrew on Regular Verb and Pronouns, and Genesis, ch. I., with analysis of the Regular Verbs and Pronouns contained in it.

PASS EXAMINATIONS.

On the work of the session.

DEGREE OF BACHELOR OF DIVINITY.

REGULATIONS.

I.—Candidates for the degree of Bachelor of Divinity (B.D.) must be graduates in Arts of this University, or of a University whose degrees are recognized by the Senate.

II.—The degree shall not be conferred until the candidate has completed his theological curriculum, with a view to the ministry in the Church to which he belongs, and has passed a satisfactory examination in the branches of Theology taught in the University.

III.—The subjects of examination shall be in two departments, the first embracing—(1) Hebrew and (2) the Evidences of Religion, Biblical Introduction, and the Inspiration of Scripture ; and the second

embracing—(1) Church History, (2) Biblical Criticism, and (3) Systematic Theology.

IV.—Candidates who have completed their theological course may be examined in either of these departments, and may defer their examination in the other department, provided there be not a greater interval than two years between their two examinations.

V.—Students who have completed all the sessions but one of their theological course, may be admitted to examination in the first department.

VI.—A candidate may, subject to the preceding regulations, appear at any University examination in Theology, provided he gives two weeks' notice of his intention to the Registrar.

VII.—When a student, who is a candidate for the degree, shall obtain at a pass examination on any subject two-thirds of the marks allotted to the subject, he may, on recommendation of the examiner, be exempted from further examination on that subject.

SUBJECTS OF EXAMINATION.

DEPARTMENT I.

1. Evidences of Religion, Biblical Introduction, and Inspiration of Scripture.

2. Hebrew, Isaiah xl—lxvi. Chaldee, Daniel ii., iii.,

DEPARTMENT II.

1. Church History — Centuries i—iii ; the Reformation ; the Church in Scotland.

2. Biblical Criticism — Epistle to Romans in Greek ; Biblical Hermeneutics ; Hammond's Textual Criticism of New Testament. Introduction to Pentateuch and Gospel of John.

3. Systematic Theology — Person of Christ, Doctrine of Sin, Doctrine of the Atonement, Justification, Work of the Holy Spirit.

The following books may be consulted : Paley's Evidences, Butler's Analogy, Tulloch's Burnett Prize on Theism, Mozley's Bampton Lectures on Miracles, Trench on the Miracles (preliminary essay) ; Westcott on the Canon of the New Testament ; Lee on

Inspiration ; Dorner on the Person of Christ, Liddon's Bampton Lectures on our Lord's Divinity, Tulloch on the Christian Doctrine of Sin, Crawford on the Atonement, Grotius de satisfactione Christi, Hill's Lectures in Divinity, Christian Dogmatics (Van Oosterzee's and Martensen's ; Keil on the Old Testament and Bleek on the New Testament, Killen's Old Catholic Church, Fisher's History of the Reformation, Biblical Hermeneutics (Elliott and Harsha.)

STUDENTS' MISSIONARY ASSOCIATION.

This Association holds a weekly meeting on Saturday morning, in the Divinity class-room. In addition to devotional exercises and the ordinary business of the Association, reports are read by members from time to time, respecting the fields occupied by them during the preceding summer under the Home Mission Board of the General Assembly. A Sabbath morning prayer meeting is held in the classical room under the management of the Association. The Association also assists the Convenor of the Presbytery's Home Mission Committee in filling appointments for Sabbath day services in the neighbourhood of Kingston.

GRADUATION IN MEDICINE.

The Degree of Doctor of Medicine (M.D.) is conferred upon candidates who comply with the following regulations :

I.—Except as provided in the next regulation, every candidate must pass a matriculation examination upon the following the following subjects :

English Language, Grammar and Composition,
Arithmetic, with Vulgar and Decimal Fractions.

Algebra, including Simple Equations.

Geometry, first two books of Euclid.

Latin Grammar, and translation (Cæsar B.G., Bk. IV.,
c. 20—36 ; Bk. V., c. 8—23. Cicero, *Pro Archia*.

Virgil, *Æneid*, Bk. II., vv. 1—317.)

Natural Philosophy, as in Stewart's *Physics*.

II.—Graduates from a recognized University are not required to pass the above Matriculation examination. Matriculants of a recognized University are required to pass an examination or to show that they have passed an examination in Natural Philosophy.

III.—Candidates who are not Graduates in Arts must furnish evidence of having attended some recognized Medical School for not less than four full sessions, and must pass all the required examinations.

Candidates who are Graduates in Arts will be required to attend only three sessions.

EXAMINATIONS.

IV.—The examinations required are a Primary, an Intermediate, and a Final.

1. The Primary examination is upon the subjects of Botany, Theoretical Chemistry, and Physiology, and is open to students only at the close of their second session. One session in Botany, two in Chemistry, and two in Physiology are required.

2. The Intermediate examination is upon Anatomy, Materia Medica, Practical Chemistry, Medical Jurisprudence, and Histology, and is open to students only at the close of their third session.

But students who are Graduates in Arts are allowed to take the Intermediate and the Primary examinations at the same time. One session in Practical Chemistry, and two sessions in Medical Jurisprudence, in Anatomy and in Materia Medica are required.

3. The Final examination is open to students at the close of their course, and is upon Practice of Medicine, Surgery, Midwifery, and Sanitary Science. Two sessions' attendance upon each is required.

V.—A candidate cannot be admitted to any of the foregoing examinations, until he has furnished satisfactory evidence of having complied with the regulations in regard to Matriculation.

PRIZES.

Besides University Prizes, Medals, &c., open to Medical students, the following Prizes are offered by the Faculty every year, viz.: Two House Surgeoncies of the Kingston Hospital—six months each—and two Demonstratorships of Anatomy, value \$60 each. These Prizes are awarded to the four students making the highest number of marks at the second professional examination.

NOTICES.

1. The Examinations of the Medical Council will be held in the City of Kingston as well as in Toronto, so that students of this College will be saved the trouble and expense of attending examinations in Toronto.
2. Persons desiring to obtain full information respecting the curriculum in Medicine, Fees, &c., should apply to the Registrar or to the President of the Medical Faculty.

SCHOLARSHIPS.

SCHOLARSHIPS IN ARTS.

Scholarships in Arts have *endowment nominations* connected with them, securing exemption from class fees for *one* session, and thereby adding from \$18 to \$24 to the given value of each.

Any student who passes in English is eligible for a scholarship; but scholarships marked *close* can be held only by students having in view the ministry of the Presbyterian Church, being given by the founders upon that condition.

Scholarships awarded upon matriculation examinations are tenable during the first session, and those awarded upon sessional examinations are tenable during the following session, except *open* scholarships, gained by students in the last year of their course in Arts, which are paid at once.

Successful candidates for scholarships must make *at least* two-thirds of the number of marks allotted to the subject or subjects upon which the scholarship is awarded.

I. JUNIOR MATRICULATION SCHOLARSHIPS.

MACKERRAS' MEMORIAL.

Founded in memory of the late Professor Macker-
ras. Value, \$100. Awarded upon the matricula-
tion examinations in Latin and Greek.

GUNN.

Given by Alexander Gunn, Esq., M.P. Value,

\$100. Awarded upon the matriculation examination for General Proficiency.

WATKINS.

Founded by the late John Watkins, Esq., Kingston. Value, \$80. Awarded upon the matriculation examination in Classics, Mathematics and English, and tenable only by candidates who have spent one year at the Kingston Collegiate Institute.

FOUNDATION, No. 1.

Value, \$60. Awarded upon the matriculation examination for General Proficiency.

LEITCH MEMORIAL, No. 1.

Founded in memory of the late Principal Leitch. Value, \$57. Awarded upon the matriculation examination in Mathematics.

FOUNDATION, No. 2.

Value, \$40. Awarded upon the matriculation examination for General Proficiency.

MOWAT.

Founded by the late John Mowat, Esq., Kingston. Value, \$50. Awarded to the best candidate at a special oral examination on Arithmetic. Competition will take place on 2nd October.

MARION STEWART McDONALD.

Founded by John S. McDonald, Esq., Fond du Lac, Wis. Value, \$100. Given to a deserving student or students from Glengarry Co., Ont., and awarded after the matriculation examinations.

M. C. CAMERON.

Founded by M. C. Cameron, Esq., M.P. Value, \$60. Given to the best Gælic scholar, reader or

speaker. The examination takes place after the matriculation examinations.

McNAB AND HORTON.

Awarded after the matriculation examinations on the nomination of the Kirk-Sesssion of Renfrew.

II. SCHOLARSHIPS AWARDED ON SES- SIONAL EXAMINATIONS.

FOUNDATION, No. 3.

Value, \$50. Awarded upon the sessional examination in Junior Latin.

CHURCH, No. 1. (Close.)

Provided out of the Scholarship and Bursary Fund. Value, \$65. Awarded upon the sessional examination in Junior Greek.

ST. ANDREW'S CHURCH, TORONTO. (Close.)

Given by the session of St. Andrew's Church, Toronto. Value, \$50. Awarded upon the sessional examination in Senior Greek.

TORONTO. (Close.)

Founded by the Ladies' Association of St. Andrew's Church, Toronto. Value, \$60. Awarded upon the sessional examination in Senior Latin.

GLASS MEMORIAL. (Close.)

Founded in memory of the late Henry Glass, Esq., of Sarnia, by his widow. Value, \$35. Awarded upon the sessional examination in Junior Mathematics.

McINTYRE. (Close.)

Founded in 1876 by Mrs. Margaret W. McIntyre,

Perth, Ont. Value, \$50. Awarded upon the sessional examination in Senior Mathematics.

CHURCH. No. 2. (Close.)

Provided out of the Scholarship and Bursary Fund. Value, \$60. Awarded upon the sessional examination in Senior Rhetoric and English Literature.

FOUNDATION, No. 4.

Value, \$50. Awarded upon the sessional examination in Junior Philosophy.

FOUNDATION, No. 5.

Value, \$50. Awarded upon the sessional examination in Junior Physics.

FOUNDATION, No. 6.

Value, \$50. Awarded upon the sessional examination in Junior Chemistry.

NICKLE.

Given by William Nickle, Esq., Kingston. Value, \$50. Awarded upon the sessional examination in Natural Science.

CATARAQUI.

Given by a friend in Kingston. Value, \$50. Awarded upon the sessional examination in History.

SCHOLASHIPS IN THEOLOGY.

I. MATRICULATION SCHOLARSHIPS.

DAVID STRATHERN DOW.

Founded in 1876 by David Strathern Dow, Esq., Whitby, Ont. Value, \$100.

DOMINION.

Founded in 1870 by a gentleman now resident in Nova Scotia. Value, \$80. Open to students belonging to any Presbyterian Church in the Dominion.

BUCHAN, No. 3.

Founded in 1875 by bequest of Rev. Alexander Buchan, Stirling, Ont. Value, \$60.

CHURCH OF SCOTLAND, No. 1.

Given out of funds granted by the C.C. Value, \$50.

CHURCH OF SCOTLAND, No. 2.

Given out of funds granted by the C. C. Value, \$50.

II. SCHOLARSHIPS AWARDED AT CLOSE OF SESSION.

ANDERSON, No. 1.

Given by Robert Anderson, Esq., Montreal. Value, \$50. Awarded upon the sessional examination in Second Year Divinity.

ANDERSON, No. 2.

Given by Robert Anderson, Esq. Value, \$30. Awarded upon the sessional examination in Junior Divinity.

ANDERSON No. 3.

Given by Robert Anderson, Esq. Value, \$20. Awarded upon the sessional examination in Third Year Divinity.

HUGH McLENNAN.

Given by Hugh McLennan, Esq., Montreal.

Value, \$25. Awarded upon the best sessional examination in Church History.

BUCHAN No. 1.

Founded in 1875 by bequest of Rev. Alexander Buchan, Stirling, Ont. Value, \$90.

BUCHAN No. 2.

Founded by Rev. Alexander Buchan. Value, \$75.

CHURCH OF SCOTLAND, No. 3.

Awarded upon the sessional examination in Junior Hebrew. Value, \$40.

CHURCH OF SCOTLAND, No. 4.

Awarded upon the sessional examination in Senior Hebrew. Value, \$40.

MACKERRAS MEMORIAL PRIZE.

Given by the congregation of Williamstown, in memory of the late Professor Mackerras. Awarded upon the sessional examination in Greek Testament Exegesis. Value, \$25 in books.

RANKINE.

Founded in 1881 by the late Alexander Rankine, Esq., Leamington, Eng. Value, \$55. Awarded upon the sessional examination in Apologetics.

LEITCH MEMORIAL, No. 2.

Founded in 1867 in memory of the late Principal Leitch, by subscribers in Scotland and Canada. Value, \$80. Awarded upon a sessional examination, and tenable during three successive years, should the successful candidate, after the completion of his theological curriculum at this University, continue his studies at this or any European University. Candidates must have the degree of B.A. The next competition will take place in April, 1884.

or 1885. Subjects of examination:—the Epistles to Romans and Hebrews in Greek, Psalms I—XXV. in Hebrew, Butler's Analogy, and the Theological Lectures of the session.

SPENCE.

Founded in 1879 by the late Rev. Alexander Spence, D.D., formerly minister of St. Andrew's Church, Ottawa. Value, \$60. Awarded upon the sessional examinations at the close of the first year in Theology. Tenable during the second and third years in Theology. The next competition will take place in 1884.

CHURCH BURSARIES.

These are awarded to deserving students, who have not obtained scholarships, and who are preparing for the ministry of the Presbyterian Church in Canada. Recipients must sign a written declaration to repay the money should they change their intention with regard to the ministry. Recommendations accompanying contributions for the benefit of particular students, whether matriculants or not, are duly observed. (See By-Laws.)

UNIVERSITY PRIZES.

These are prizes in money for literary articles, essays, etc., as specified under each particular prize. The prizes are given at Convocation.

CONDITIONS OF COMPETITION.

1. Competitive papers (except for Thorburn, which see), must be given in to the Secretary of the Senate not later than the 15th November.
2. Each paper is to bear a motto, instead of the author's name, and to have attached to it a sealed envelope, bearing the same

motto and containing a written declaration over the author's signature, to the effect that it is his unaided composition.

3. The envelopes attached to successful papers shall be opened and the writers' names made known at the closing Convocation of the session.

4. The best productions must be reported by the examiners to be of sufficient merit.

5. All successful productions shall be the property of the University, and be at the disposal of the Senate.

LEWIS.

Value, \$25. Given for the best lecture on Matt. VI. 9-13 inclusive. Open to students of Theology registered in session 1883-4.

SESSION OF ST. ANDREW'S CHURCH, ALMONTE.

Value, \$25. Given for the best model of prayer for forenoon service. Open to students of Theology registered in session 1883-4.

MacPHERSON.

Value, \$25. Given by the Hon. David L. MacPherson, Toronto, for the best essay on the Influence of Britain on India. Open to registered students of session 1883-4.

CARMICHAEL.

Value, \$25. Given by the Rev. James Carmichael, of King, for the best essay on the Telephone, Microphone and their applications. Open to registered students of the present or preceding session.

MACLENNAN.

Value, \$25. Given by Donald B. MacLennan, Esq., M.A., Q.C., Cornwall, for the best essay on the Relation of Philosophy to Science. Open to registered students of the present or preceding session.

LATIN AND GREEK PROSE COMPOSITION.

Two prizes, each of the value of ten dollars in

books, will be annually offered for competition among undergraduates for the best composition in Latin and Greek Prose respectively. Subjects for composition, 1883-4: Latin Prose, Mommsen's History of Rome, Vol. IV., p. 453, from "Gifts such as these" to "regulation of the frontiers," p. 456. Greek Prose, Prescott's History of Charles V., Section I. down to "involved in darkness and in fable."

CHANCELLOR'S ESSAYS.

Three prizes of \$50 each to be awarded for the best English essays on the undermentioned subjects. The essays to be sent in to the University Registrar on or before University Day, 1883. If the essays be not of sufficient merit, the prizes will be open for another competition :

1. Specially for Divinity students, but open to all : "Should the Presbyterian Church in Canada return to the Liturgy of the time of Knox, or adopt in public worship a liturgy in any form ?"

2. Specially for Medical students, but open to all : "How best to develope Brain Power in youth so as to preserve it in health and vigor for useful application in manhood and old age."

3. Specially for Arts students, but open to all : "The relations of animals and plants."

THORBURN.

Value, \$40. Given by John Thorburn, Esq., M.A., LL.D., (President of the Ottawa Literary and Scientific Society), for the best history of the County of Grenville—the history to contain details of such matters as the original characteristics, struggles, etc., of the first settlers; the rise and progress of municipal institutions, mechanics' institutions, benevolent, industrial and other establishments, newspapers, etc.; the first churches, schools, etc.;

the development of agricultural and mineral resources; and events of a general character by which the country may have been particularly affected. *Any person may compete.* Competitive papers must be in the hands of the Registrar, Rev. George Bell, LL.D., not later than the 15th February. The successful history, or a copy of it, shall be placed in the archives office at Ottawa.

MEDALS.

No Gold Medal will be awarded to any candidate who fails to obtain three-fourths of the whole number of marks. No Silver Medal will be awarded to any candidate who fails to obtain at least two-thirds of the whole number of marks,

PRINCE OF WALES' GOLD MEDAL IN CLASSICS.

For the best examination on the honour work in Latin and Greek. Open to all registered students.

CARRUTHERS' GOLD MEDAL IN PHYSICS.

Given by John Carruthers, Esq., Kingston, for the best examination on the honour work in Physics. Open to all registered students.

CARRUTHERS' GOLD MEDAL IN CHEMISTRY.

Given by John Carruthers, Esq., for the best examination on the honour work in Chemistry. Open to all registered students.

THE MAYOR'S GOLD MEDAL IN MENTAL AND MORAL PHILOSOPHY.

Given last session by C. Livingston, Esq., for the best examination on the honour work in Mental and Moral Philosophy, as prescribed for the session. Open to all undergraduates or graduates taking the honour work in those subjects.

CHANCELLOR'S GOLD MEDAL IN HISTORY, AND ENGLISH LANGUAGE AND LITERATURE.

Given by the Chancellor for the best examination on the honour work in those subjects, with an essay on "The History of the English House of Commons down to 1688." Open to undergraduates or graduates taking the honour work.

SILVER MEDAL IN POLITICAL ECONOMY.

Given last session by William Harty, Esq., for the best examination on the honour work in Political Economy. Open to students attending classes in Arts, Law, Medicine or Theology.

PRINCE OF WALES' SILVER MEDAL IN MODERN LANGUAGES.

For the best examination on the honour work in French and German. Open to undergraduates or graduates taking the honour work in that subject.

PRINCE OF WALES' SILVER MEDAL IN NATURAL SCIENCE.

For the best examination in the honour work in Natural Science. Open to undergraduates or graduates taking the honour work in that subject.

PRINCE OF WALES' SILVER MEDAL IN CLASSICS.

For the candidate who stands second in the examination on the honour work in Latin and Greek.

HONOURS, MEDALS, PRIZES, ETC.

HONOUR LIST FROM 1877.

1877.

William H. Irvine, Ontario. First-class in Mathematics and Natural Philosophy.

Archibald Alison Mackenzie, Scotland. First-class in Classics, History, Rhetoric and English Literature, Logic, Metaphysics and Ethics.

1878.

David Alexander Givens, Ontario. First-class in Mathematics and Natural Philosophy.

George Macdonald, Ontario. First-class in Classics, History, Rhetoric and English Literature, Logic, Metaphysics and Ethics.

Finlay Malcolm MacLennan, Ontario. First-class in Mathematics and Natural Philosophy.

George Ritchie, Ontario. First-class in Classics, History, Rhetoric and English Literature, Logic, Metaphysics and Ethics.

1879.

William Briden, Ontario. First-class in Classics.

Hugh H. McMillan, Ontario. Second-class in Mathematics and Natural Philosophy.

Daniel McTavish, Ontario. First-class in Classics.

William Stewart, Ontario. First-class in Mathematics and Natural Philosophy.

1880.

Adam R. Linton, Ontario. First-class in Classics.

Archibald B. McCallum, Ontario. First-class in Mental and Moral Philosophy.

1881.

John P. Hume, Ontario. First-class in Mathematics and Physics.

Bidwell N. Davis, Ontario. First-class in Mathematics.

Bidwell N. Davis, Ontario. First-class in Chemistry.

John P. Hume, Ontario. First-class in Chemistry.

Adam R. Linton, Ontario. Second-class in Chemistry.

Adam R. Linton, Ontario. First-class in Mental and Moral Philosophy.

Daniel McTavish, Ontario. First-class in Mental and Moral Philosophy.

James R. O'Reilly, Ontario. First-class in Political Economy.
Roderick McKay, Nova Scotia. First-class in Latin.
Samuel W. Dyde, Ontario. First-class in Latin.
Alexander L. Smith, Ontario. Second-class in Latin.
Richard W. Irvine, Ontario. Second-class in Latin.
Samuel W. Dyde, Ontario. First-class in Greek.
Alexander L. Smith, Ontario. First-class in Greek.
Henry C. Fowler, Ontario. First-class in History and English Literature.
Arpad Givan, Ontario. First-class in History and English Literature.
John Young, Ontario. First-class in History and English Literature.

1882.

Henry T. Shibley, B.A., Ontario. First-class in History.
Charles J. Cameron, Nova Scotia. First-class in Latin.
Alex. L. Smith, Ontario. Second-class in Latin.
Charles J. Cameron, Nova Scotia. First-class in Greek.
Arpad Givan, Ontario. Second-class at first honour examination in Mathematics.
William Nicol, Ontario. Second-class at first honour examination in Chemistry.
John Hay, Ontario. First-class in Philosophy.
Robert Ferguson. First-class in History and English Literature.
Joshua R. Johnston. Second-class in History and English Literature.
Alexander McLeod. First-class in Political Economy.

1883.

Arpad Givan. First-class in Mathematics.
Adam Shortt. First-class in Philosophy.
Alfred Gandier. First-class in History and English Literature.
Alex. L. Smith. First-class in History and English Literature.
William Nicol. First-class in Chemistry.
H. E. Horsey and J. McKinnon. First-class in First Year Mathematics.

GOLD MEDALLISTS FROM 1878.

1878.

George Macdonald, Ontario. In Mental and Moral Philosophy.
Finlay M. MacLennan, Ontario. In Mathematics.
William Briden, Ontario. In Greek.

1879.

Adam R. Linton, Ontario. In Greek.
William Stewart, Ontario. In Mathematics.

James M. Dupuis, Ontario. In Chemistry.
Matthew McKay, Ontario. In History.
Archibald B. McCallum, Ontario. In Political Economy.
1880.

Lewis W. Shannon, B.A., Ontario. In Chemistry.
Archibald B. McCallum, Ontario. In Mental and Moral Philosophy
Daniel McTavish, Ontario. In History.
Henry T. Shibley, Ontario. In Political Economy.
1881.

Samuel W. Dyde, Ontario. In Classics.
John P. Hume, Ontario. In Mathematics and Physics.
John P. Hume, Ontario. In Chemistry.
Adam R. Linton, Ontario. In Mental and Moral Philosophy.
Henry C. Fowler, Ontario. In History and English Literature.
James R. O'Reilly, Ontario. In Political Economy.
1882.

Charles J. Cameron, Ontario. In Classics.
John Hay, Ontario. In Mental and Moral Philosophy.
Robert Ferguson, Ontario. In History and English Literature.
Alexander McLeod, Ontario. In Political Economy.
1883.

Arpad Givan, B.A. In Mathematics.
Adam Shortt, B.A. In Mental and Moral Philosophy.
Alfred Gandier. In History and English Literature.
William Nicol, B.A. In Chemistry.
Daniel McTavish, M.A. In Political Economy.

GRADUATE LIST. — 1883

B.A.

James V. Anglin,	Alexander McLeod,
James A. Brown,	John McLeod,
Neil Campbell,	David E. Mundell,
William Chambers.	William Nicol,
Samuel W. Dyde,	Herbert B. Rathbun,
Archibald Ferguson,	John M. Shaw,
Arpad Givan,	Adam Shortt,
Arthur J. Goold,	John S. Skinner,
Robert Gow,	Alexander L. Smith,
Hugh R. Grant,	Jacob Steele,
William Hay,	Henry W. Westlake,
Alexander McAuley,	Henry E. Young.

M.A.

James McFie Hunter, M.A., University of Toronto,
ad eundum gradum.

LL.B.

John Strange, B.A.

M.D.

William G. Anglin,
Charles C. Clancy,
John Cryan,
Lewis T. Davis,
Herman M. Froiland,
Daniel C. Hickey,
John F. Kidd,

George S. McGhie,
Archibald McMurchy.
Thomas A. Moore,
Thomas A. Page,
Robert A. Smith,
William J. Young.

LL.D.

Robert Bell, M.D., F.G.S., Assistant Director, Geological Survey of Canada.

D.D.

Rev. William Grant, M.A., Shoalhaven, Australia.

Rev. William McLaren, Professor of Theology, Knox Coll., Toronto.

PRIZE AND SCHOLARSHIP LIST.

UNIVERSITY PRIZES, 1883.

Adam Shortt, (Governor General's). For the highest rank at the sessional examination of the graduating class.

George F. Cameron. For Prize Poem.

William Nicol, (Carmichael Prize). For Essay on the Spectro-scope and Spectrum Analysis.

Adam Shortt, (MacLennan Prize). Essay on recent English Psychology.

PRINCE OF WALES' PRIZEMEN FROM 1869.

- 1869—Robert Crawford, Kingston.
- 1870—Thomas H. McGuire, Kingston.
- 1871—Hugh Urquhart Bain, Perth.
- 1872—Archibald P. Knight, Renfrew.
- 1873—William Arthur Lang, Almonte.
- 1874—Donald Malcolm McIntyre, Kingston.
- 1875—Thomas Dickie Cumberland, Rosemont.
- 1876—John Brown McLaren, Kingston.
- 1877—John Reeve Lavell, Kingston.
- 1878—David Alexander Givens, Kingston.
- 1879—Matthew McKay, Bradford.
- 1880—William Briden, Bath.

CLASS PRIZES, 1883.

JUNIOR MATHEMATICS.

H. Horsey, J. McKinnon.

JUNIOR PHYSICS.

(a) *Experimental Physics and Dynamics.*
A. Gandier.

(b) *Experimental Physics and Chemical Physics.*
A. Shortt.

JUNIOR ENGLISH.

H. Halliday.

Prize for Essay—J. Rattray.

SENIOR ENGLISH.

W. Clyde.

HISTORY.

W. Nicol.

JUNIOR CHEMISTRY.

Miss Fitzgerald, M. L. Dixon.

NATURAL SCIENCE.

H. R. Grant, J. McLeod.

SENIOR HEBREW.

J. Murray, B.A., D. McTavish, B.A.,

SCHOLARSHIPS.

ARTS.

1882-3.

1. MATRICULATION EXAMINATION.

William G. Bain (Mackerras Memorial), Latin and Greek.

T. W. R. McRae (Gunn), General Proficiency.

J. G. Dunlop and E. Elliott (Watkins), Classics, Mathematics and English.

H. E. Horsey (Leitch Memorial), Mathematics.

Orr Bennett (Rankine), English.

M. G. Hamilton (Mowat), Arithmetic.

J. P. McNaughton and D. M. Robertson (Marion S. McDonald), Glengarry students.

2. SESSIONAL EXAMINATION.

W. J. Drummond (St. Andrew's Church, Toronto), Senior Greek.

A. Gandier (Toronto, with honour of St. Andrew's, Toronto), Junior Physics.
J. McKinnon (Glass Memorial), Junior Mathematics.
J. M. Dupuis (McIntyre), Senior Mathematics.
R. Whiteman (Church No. 1), Junior Greek.
A. McLachlan (Church No. 2), Junior Rhetoric and Eng. Literature.
S. W. Dyde (Buchan No. 1), Senior Philosophy.
W. G. Bain (McGillivray, with honour of Church No. 1), Jun. Latin.
E. L. Fitzgerald (Grant), Junior Chemistry.
Hugh R. Grant (Nickle), Natural Science.
W. Nicol (Cataraqui), History.
M. H. Folger (Kingston), Senior French and German.

THEOLOGY.

MATRICULATION EXAMINATION.

John Hay (David S. Dow), General Proficiency.
Paul F. Langill (Dominion), do do

SESSIONAL EXAMINATION.

John Hay (Anderson No. 1), Sessional Examination in first year Divinity.
Peter M. Pollock (Hugh MacLennan), Church History.
Paul F. Langill (Church of Scotland No. 3), Sessional Examination in first year Hebrew.
D. McTavish (Anderson No. 2), Sessional Examination in Senior Divinity.
James Bennett (Anderson No. 3), Sessional Examination in Seuior Divinity.
John Moore (Mackerras Memorial), Greek Testament Exegesis.
J. Murray (Spence, with the honour of the MacLennan and Anderson No. 3).
A. R. Linton (Leitch Memorial, with honour of Anderson No. 2).
R. C. Murray (Church of Scotland No. 4).

PASSMEN.

ARTS.

Supplementary Examination—October, 1882.

JUNIOR LATIN.

1 I. Wood,	4 A. Armstrong,
2 A. D. Cartwright,	5 W. J. Kidd,
3 J. H. McNee,	6 F. W. Johnson.

JUNIOR GREEK.

1 M. S. Robertson,	4 A. Armstrong,
2 J. H. McNee,	5 R. J. Sturgeon.
3 A. D. Cartwright,	

HISTORY.

1 L. Perrin,	3 J. C. Cameron.
2 J. J. Wright,	

ENGLISH LANGUAGE AND LITERATURE.

1 G. F. Henderson,	7 G. R. Lang,
2 G. W. Mitchell,	8 J. H. McNee,
3 J. C. Cameron,	9 M. McKinnon,
4 J. V. Anglin,	10 F. W. Johnson,
5 W. Clyde,	11 L. Irving.
6 A. Armstrong,	

SENIOR MATRICULATION IN GERMAN.

A. McLeod.

JUNIOR PHILOSOPHY.

1 A. J. Goold,	3 N. Campbell,
2 J. S. Skinner,	4 J. R. Campbell.

LOGIC and METAPHYSICS.

J. V. Anglin.

METAPHYSICS AND POLITICAL ECONOMY.

H. R. Grant.

METAPHYSICS.

J. E. Duclos.

SENIOR PHILOSOPHY.

H. W. Westlake.

SENIOR GREEK.

1 J. P. McNaughton,	3 H. M. McCuaig,
2 J. G. Hooper,	4 A. Ferguson.

NATURAL SCIENCE.

1 J. V. Anglin,	2 N. Campbell.
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JUNIOR PHYSICS.

1 T. H. McGuirl,	2 W. Hay.
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JUNIOR MATHEMATICS.

Miss J. A. Hooper.

JUNIOR CHEMISTRY.

1 J. P. McNaughton,	4 E. H. Britton,
2 E. Foxton,	5 S. Childerhose,
3 J. R. Campbell,	6 J. Steele.

W. Spankie, First-class Honours in Physics.

UNIVERSITY EXAMINATION—April, 1883.

JUNIOR LATIN.

1	W. G. Bain,	16	J. Foxton,
2	J. Rattray,	17	M. G. Hamilton,
3	R. Whiteman,	18	W. McClement,
4	O. Bennett,	19	J. Miller,
5	E. Elliott,	20	E. Ryan,
6	J. J. Ashton,	21	N. S. Mullan,
7	E. C. Shorey,	22	J. M. Dupuis,
8	J. G. Dunlop,	23	D. G. Munro,
9	J. C. McLeod,	24	L. Irving,
10	J. McKinnon,	25	E. W. Rathbun,
11	H. E. Horsey,	26	T. W. Kelley,
12	Miss J. Greaves,	27	G. J. Smith,
13	N. M. Grant,	28	D. M. Robertson,
14	H. H. Pirie,	29	F. Young,
15	E. Corkhill,	30	J. C. Booth.

SENIOR LATIN.

1	J. M. Snowden,	11	E. H. Britton,
2	G. W. Mitchell,	12	J. J. Douglas,
3	Miss J. A. Hooper,	13	{ M. McKinnon,
4	W. J. Drummond,		{ J. J. Wright,
5	W. Clyde,	15	{ I. Wood,
6	{ R. M. Dennistoun,		{ J. H. Macnee,
	{ M. H. Folger,		{ S. Crawford,
8	J. Henderson,	18	G. R. Lang,
9	A. D. Cartwright,	19	J. R. Shannon,
10	H. V. Lyon,	20	R. J. Sturgeon,

Special Examination.

1	S. Childerhose,	3	A. McAulay.
2	T. G. Marquis,		

JUNIOR GREEK.

1	W. G. Bain,	9	E. Ryan,
2	E. C. Shorey,	10	J. Kennedy,
3	J. C. McLeod,	11	J. J. Wright,
4	R. Whiteman,	12	D. G. Munro,
5	H. E. Horsey,	13	J. Dow,
6	O. Bennett,	14	H. P. Thomas,
7	J. Henderson,	15	D. M. Robertson.
8	J. McKinnon,	16	W. J. Kidd.

Special Examination.

1	W. J. Shanks,	2	J. A. Grant.
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SENIOR GREEK.

1 A. Gandier,	7 H. V. Lyon,
2 J. M. Snowden,	8 R. Gow,
3 G. W. Mitchell,	9 M. McKinnon,
4 W. Clyde,	10 F. W. Johnson,
5 W. J. Drummond,	11 N. Campbell.
6 J. W. H. Milne,	

Special Examination.

E. H. Britton.

JUNIOR MATHEMATICS.

1 H. Horsey,	11 T. W. R. McRae,
2 J. McKinnon,	12 M. G. Hamilton,
3 J. V. Anglin,	13 { J. G. Dunlop, G. R. Lang.
4 O. Bennett,	15 { M. H. Folger, W. McClement,
5 G. J. Smith,	17 { J. Miller, H. H. Pirie,
6 S. H. Gardiner,	19 N. S. Mullan.
7 E. Corkill,	
8 E. Elliott,	
9 J. Armour,	
10 F. Young,	

SENIOR MATHEMATICS.

I { J. M. Dupuis,
A. E. McColl.

JUNIOR PHYSICS.

1 A. Gandier,	5 R. Gow,
2 G. Y. Chown,	6 W. P. Chamberlain,
3 A. G. Farrell,	7 I. Newlands.
4 A. E. McColl,	

SENIOR PHYSICS.

1 J. C. Connell, 2 A. Givan.

JUNIOR PHILOSOPHY.

1 Miss E. L. Fitzgerald,	10 Daniel W. Stewart,
2 J. Connell,	11 W. Nicol,
3 G. Y. Chown,	12 John Cooke,
4 W. Chambers,	13 J. P. McNaughton,
5 A. McLachlan,	14 I. Wood,
6 D. E. Mundell,	15 J. M. Sherlock,
7 R. J. McLennan,	16 H. M. McCuaig,
8 H. Halliday,	17 L. Perrin,
9 A. J. Macdonnell,	

METAPHYSICS AND ETHICS.

C. J. Cameron.

POLITICAL ECONOMY.

J. V. Anglin.

SENIOR PHILOSOPHY.

1	S. W. Dyde,	4	A. Smith,
2	A. McLeod,	5	S. Childerhose,
3	J. Steele,		

JUNIOR ENGLISH LITERATURE.

1	A. McLachlan,	19	M. H. Folger,
2	J. Rattray,	20	A. D. Cartwright,
3	W. G. Bain,	21	E. J. Shorey,
4	J. C. McLeod,	22	A. E. McColl,
5	D. W. Stewart,	23	H. Halliday,
6	G. F. Cameron,	24	W. J. Drummond,
7	G. Y. Chown,	25	N. M. Grant,
8	J. Skinner,	26	G. J. Smith,
9	H. H. Pirie,	27	H. W. Westlake,
10	J. P. McNaughton,	28	M. S. Robertson,
11	J. J. Ashton,	29	D. J. Hyland,
12	Miss F. Britton,	30	R. A. Gordon,
13	M. G. Hamilton,	31	J. McNeil,
14	R. Whitteman,	32	J. F. Carmichael,
15	J. M. Shaw,	33	E. Ryan,
16	S. H. Gardiner,	34	F. M. Young,
17	F. W. Kelly,	35	J. M. Dupuis,
18	R. J. McLennan,	36	J. Dow.

SENIOR ENGLISH LITERATURE.

1	W. Clyde,	11	L. Irving,
2	J. G. Duclos,	12	G. R. Lang,
3	M. McKinnon,	13	W. G. Mills,
4	Robert Gow,	14	J. Armour,
5	J. Henderson,	15	G. W. Mitchell,
6	J. J. Wright,	16	J. H. Mcnee,
7	R. J. Sturgeon,	17	F. W. Johnson,
8	J. W. H. Milne,	18	J. McNeil,
9	W. P. Chamberlain,	19	I. Newlands.
10	W. J. Kidd,		

HISTORY.

1	W. Nicol,	11	J. G. Duclos,
2	W. H. Lyon,	12	J. P. McNaughton,
3	H. Halliday,	13	A. G. Farrell,
4	Miss A. L. Fowler,	14	W. H. Mcnee,
5	J. McLeod,	15	J. F. Carmichael,
6	J. A. Grant,	16	A. Patterson,
7	H. R. Grant,	17	J. McNeil,
8	A. McLachlan,	18	G. R. Lang,
9	J. Henderson,	19	D. J. Hyland.
10	J. M. Sherlock,		

JUNIOR CHEMISTRY.

Arts Division.

1 Miss Fitzgerald,	10 G. F. Henderson,
2 Mrs. A. McGillivray,	11 N. S. Mullen,
3 John Cooke,	12 Miss J. F. Britton,
4 J. M. Snowden,	13 Miss J. A. Hooper,
5 J. J. Ashton,	14 J. R. Shannon,
6 Louis Perrin,	15 R. M. Dennistoun,
7 E. Corkhill,	16 R. M. Gow,
8 N. M. Grant,	17 F. W. Johnson,
9 W. McClement,	18 A. Hobart.

Medical Division.

1 M. L. Dixon,	13 C. G. McCammon,
2 W. M. Mather,	14 J. A. Stirling,
3 A. W. Dwyer,	15 W. Coy,
4 J. Casselman,	16 J. E. Stirling,
5 G. W. Wright,	17 E. J. McCardel,
6 Miss E. N. Reynolds,	18 A. A. Dame,
7 S. J. Mellon,	19 W. C. D. Clark,
8 J. J. Ashton,	20 E. McLaughlin,
9 G. G. Jack,	21 A. N. White,
10 D. G. Russell,	22 Mrs. Corliss,
11 D. E. Foley,	23 C. Collins,
12 W. A. Kyle,	24 F. B. Smith.

PRACTICAL CHEMISTRY FOR MEDICAL STUDENTS

1 Mrs. A. McGillivray,	8 A. Ferris,
2 Miss E. Smith,	9 T. A. Page,
3 Miss E. R. Beatty,	10 John Herald,
4 Wm. Spankie,	11 Edgar Forrester,
5 H. R. Duff,	12 L. Davis,
6 C. G. McCammon,	13 T. Cumberland,
7 W. H. Bullis,	14 D. C. Hickey.

SENIOR CHEMISTRY.

Arts Division.

1 Shortt,	7 { Stewart,
2 Anglin,	Young,
3 Chambers,	9 Shaw,
4 { Mundell,	10 Rathbun,
Skinner,	11 Goold,
6 Greaves,	12 McCuaig.
	13 Newlands.

A. McAuley and J. A. Brown passed in the first division
(Organic Chemistry.)

SENIOR CHEMISTRY.

Medical Division.

1 Mrs. McGillivray,	9 McCommon,
2 J. E. Stirling,	10 Donovan,
3 Beattie,	11 Spankie,
4 Smith,	12 Herald,
5 Reynolds,	13 Dwyer,
6 Russell,	14 Kyle,
7 Ford,	15 Dawson,
8 Cunningham,	16 Craig.

J. H. Stirling and Bertram passed equivalents in the Arts examination.

NATURAL SCIENCE.

1 H. R. Grant,	8 I. Newlands,
2 John McLeod,	9 J. A. Brown,
3 R. J. McLennan,	10 W. Hay,
4 A. J. Goold,	11 W. Spankie,
5 John M. Shaw.	12 E. H. Britton,
6 A. Macauley,	13 A. Patterson.
7 J. D. Kennedy,	

JUNIOR FRENCH.

1 J. G. Dunlop,	7 John Miller,
2 E. Elliott,	8 R. M. Dennistoun,
3 Miss L. Mowat,	9 \textae . J. Macdonnell,
4 Miss H. E. Mowat,	10 J. C. Booth,
5 J. Foxton,	11 E. W. Rathbun,
6 Miss J. F. Britton,	12 E. L. Dupuis.

JUNIOR GERMAN.

1 J. G. Dunlop,	6 R. M. Dennistoun,
2 J. Miller,	7 J. Foxton,
3 T. W. R. McRae,	8 \textae . J. Macdonnell,
4 E. Elliott,	9 E. L. Dupuis.
5 Miss A. L. Fowler,	

SENIOR FRENCH.

1 M. H. Folger,	4 J. R. Shannon,
2 Miss J. A. Hooper,	5 \textae . J. Macdonnell,
3 G. F. Henderson,	6 J. F. Carmichael.

SENIOR GERMAN.

1 M. H. Folger,	5 G. F. Henderson,
2 Miss J. A. Hooper,	6 J. R. Shannon,
3 Miss Jennie Greaves,	7 A. McLeod.
4 J. E. Duclos,	

BOTANY.

Medical Division.

1 H. C. Cunningham,	10 T. A. Bertram,
W. A. Kyle,	A. Dwyre,
3 Miss Reynolds,	12 John A. Craig,
4 D. Russell,	13 E. A. Daly,
5 H. Burdett,	14 A. E. Gibson,
6 W. C. D. Clark,	15 M. A. Corliss,
7 John E. Stirling,	E. J. Donovan,
8 James E. Stirling,	17 W. H. Bullis,
9 H. B. Ford,	G. S. McGhie.

THEOLOGY.

BIBLICAL HERMENEUTICS.

1 John Hay,	6 A. K. McLeod,
2 James Murray,	7 John Young,
3 John Robertson,	8 P. M. Pollock,
4 Adam R. Linton,	9 W. S. Smith,
5 Robert C. Murray,	

GREEK TESTAMENT EXEGESIS.

1 John Moore,	7 J. A. Brown,
2 A. R. Linton,	8 John Hay,
3 P. M. Pollock,	9 J. C. Anderson,
4 D. McTavish,	10 L. W. Thom,
5 John Young,	11 Wm. Hay,
6 P. F. Langill,	12 Wm. S. Smtth.

HEBREW.

Junior Division.

1 P. F. Langill,	5 John Young,
2 John Hay,	6 Neil Campbell,
3 P. M. Pollock,	7 A. McAuley,
4 R. C. Murray,	8 William Hay.

Senior Division.

1 James Murray,	4 D. McTavish,
2 John Robertson,	5 John Moore,
3 A. R. Linton,	6 J. Somerville..

APOLOGETICS.

Senior Division.

1 A. R. Linton, B.A.,	5 John Moore, B.A.,
2 James Murray, B.A.,	6 P. M. Pollock, B.A.,
3 D. McTavish, M.A.,	7 John Robertson,
4 James Bennett, B.A.,	

Junior Division,

1 John Hay, B.A.	5 John Young, B.A.,
2 R. C. Murray, B.A.,	6 P. F. Langill, B.A.,
3 J. C. Anderson	7 A. McLeod,
4 William Hay,	8 J. A. Brown.

SYSTEMATIC THEOLOGY.

Senior Division.

1 A. R. Linton, B.A.,	5 James Somerville, B.A.,
2 { D. McTavish, M.A.,	6 { John Moore, B.A.,
James Murray, B.A.,	John Robertson.
4 James Bennett, B.A.,	

Junior Division.

1 John Hay, B.A.,	5 J. Anderson,
2 R. C. Murray, B.A.,	6 W. Hay, B.A.,
3 John Young, B.A.,	7 A. K. McLeod.
4 P. F. Langill,	

MEDICINE.

Names given in Alphabetical Order.

PHYSIOLOGY.

Miss E. R. Beatty,	W. A. Kyle,
Mrs. M. A. Corliss,	Mrs. A. McGillivray,
J. A. Craig,	Miss N. E. Reynolds,
H. C. Cunningham,	D. G. Russell,
A. H. Dwyer,	Miss E. Smith.
H. B. Ford,	J. A. Stirling,

ANATOMY.

Miss E. R. Beatty,	D. H. Mackie,
T. Cumberland,	Mrs. A. McGillivray,
H. R. Duff,	G. S. McGhie,
H. J. Emery,	C. G. McCammon,
A. Forin,	Miss E. Smith,
E. Foxton,	H. S. Williams.
W. Hall,	

MATERIA MEDICA.

Miss E. R. Beatty,	D. H. Mackie,
T. Cumberland,	Mrs. A. McGillivray,
H. R. Duff,	C. G. McCammon,
H. J. Emery,	Miss E. Smith,
A. Forin,	M. J. Webster,
E. Foxton,	H. S. Williams.
W. Hall,	

MEDICAL JURISPRUDENCE.

1 T. Cumberland,	8 C. G. McCammon,
2 H. R. Duff,	9 M. J. Webster,
3 H. J. Emery,	10 R. E. Cartwright,
4 A. Forin,	11 Miss E. R. Beatty,
5 E. Foxton,	12 Mrs. A. McGillivray,
6 D. H. Mackie,	13 Miss E. Smith.
7 H. S. Williams,	

HONOURS, ETC.

W. J. Young and J. F. Kidd, certificates of honour for having
meritoriously discharged the duties of House Surgeons of
the Hospital.

J. F. Kidd, Gold Medal, and W. G. Anglin, Silver Medal, for ex-
cellence in the subjects of the final examination.

Mrs. Alice McGillivray, Silver Medal, for excellence in Anatomy,
Histology and Physiology.

LIST OF STUDENTS, SESSION 1882-3.

INT ARTS.

Those marked with an Asterisk are Students for the Ministry of the Presbyterian Church in Canada.

Name and Residence.	Year of Attendance.	Summer Residence.	Where Educated.
Allan, William, Kingston	1	Kingston.	Coburg H. S.
Alexander, James, Kingston	1	Kingston.	Kingston C. I.
Agnew, E. May, Kingston	1	Kingston.	Sterling House Academy.
Anglin, James V., Kingston	4	Kingston.	Kingston C. I.
Armour, James, Perth	2	Perth	Perth C. I.
*Armstrong, Abel, Zephyr	2	Zephyr	Markham H. S.
Ashton, John J., Darlington	1	Newcastle	Bowmanville H. S.
Bain, William G., Perth	1	Kingston.	Perth G. I.
*Bennett, Orr, Peterboro	1	Peterboro	Peterboro C. I.
Bertram, Thos. H., Dundas	1	Dundas.	Dundas H. S.
Booth, Jackson C., Ottawa	1	Ottawa	Kingston, C. I.
Britton, Edward H., Kingston	4	Kingston.	Trin. Col. Sch., Port Hope.
Britton, Florence, Kingston	1	Kingston.	Kingston C. I.
*Brown, James A., Beaverton	5	Beaverton	Port Perry H. S.
*Cameron, Charles J., New Glasgow	3	Harrowsmith	Harvard Univ.
*Cameron, George F., New Glasgow	1	River Béaudette	New Glasgow H. S.
*Campbell, Neil, Nottawa	4	Bryson, Q	Collingwood H. S.
Carmichael, J. F., Calumette Island, Cartwright, Alex. D., Kingston	2	Kingston	Ottawa C. I.
Chamberlain, W. P., Morrisburg	2	Morrisburg	Kingston C. I.
Chambers, William, Kingston	4	Kingston	Farmersville H. S.
*Chiderose, Stephen, Cobden	3	Cobden	Kingston C. I.
Chown, George Y., Kingston	3	Kingston	Kingston C. I.

Year of Attendance.	Name and Residence.	Summer Residence.	Where Educated.
	Clyde, William, Catarqui	2	Catarqui Kingston C. I.
	Connell, James C., Dundas	2	Dundas H. S.
	Cook, John, Catarqui	3	Kingston Kingston C. I.
	Corkill, Edward, Loughboro	1	Loughborough Sydenham H. S.
	Crawford Samuel, Kingston	2	Kingston Kingston C. I.
	Davis, Emma, Kingston	1	Kingston Kingston C. I.
	Dennistoun, R. M., Peterboro	2	Peterboro Peterboro C. I.
	Devana, Chaffey, Sydenham	4	Loughborough Sydenham H. S.
	*Dow, James, Montreal	2	Manitoba Glasgow, Scotland.
	Duclos, John E., Otter Lake	2	Cape Breton Ottawa C. I.
	*Drummond, W. J., Toledo	2	Toledo Farmersville H. S.
	*Douglas, John J., Peterboro	2	Peterboro Peterboro C. I.
	Dunlop, John G., Kingston	1	Kingston Kingston C. I.
	Dunning, Jesse, Demarestville	3	Demarestville
	*Dupuis, James M., Kingston	2	Kingston Kingston C. I.
	Dupuis, Eugene L.,	1	Kingston Kingston C. I.
	*Dyde, Samuel W., Kingston	4	Manitoba Ottawa C. I.
	Elliott, Edwin, Kingston	1	Kingston Kingston C. I.
	Foxton, Joseph, Kingston	1	Kingston Kingston C. I.
	Farrell, Alex. G., Kingston	3	Kingston Detroit.
	Fitzgerald, E. S., St. Catharines	2	St. Catharines C. I.
	Folger, M. H., Kingston	2	Kingston Kingston C. I.
	Fowler, Annie, L., Kingston	3	Kingston Fredericton H. S.
	*Gandier, Alfred, Fort Coulonge	3	Fort Coulonge Kingston C. I.
	Gardiner, Sidney H., Kingston	1	Kingston Kingston Academy.
	Givan, Arpad, Campbellford	4	Campbellford Campbellford H. S.
	Goold, Arthur J., Kingston	4	Kingston Halifax H. S.
	Gordon, Robert A., Ottawa	1	Ottawa Ottawa C. I.
	*Gow, Robert, Wallacetown	4	Wallacetown St. Thomas H. S.

*Grant, Hugh R., Stellarton	2	Stellarton	H. S.
*Grant, James A., Guelph	4	Ellenburn, Guelph	Duff Par. Sch., Scotland.
Grant, Norman M., Stellarton	1	Stellarton	Stellarton, H. S.
Greaves, Jennie H., Kingston	3	Kingston	Kingston C. I.
Halliday, Henry, Renfrew	3	Renfrew	Renfrew H. S.
Hamilton, M. G., Peterboro	1	Peterboro	Peterboro C. I.
Henderson, George F., Kingston	3	Kingston	Kingston C. I.
*Henderson, Johnson, Nova Scotia	3	Thanet	Pictou, N. S.
*Herald, Charles L., Dundas	3	Merrickville	Dundas H. S.
Hobart, Alfred, Kingston	1	Kingston	Kingston C. I.
Hooper, J. A., Kingston	2	Kingston	Kingston C. I.
Hooper, Vere, Kingston	3	Kingston	Kingston C. I.
Horsey, Edward H., Ottawa	1	Ottawa	Sydenham H. S.
Horsey, Herbert E., Kingston	1	Kingston	Kingston C. I.
*Hyland, David J., Kingston	2	Kingston	Kingston C. I.
Irving, Lennox, Pembroke	2	Pembroke	Pembroke H. S.
*Johnson, Fred. W., Guelph	2	Glentay	Hamilton C. I.
Kelly, Thomas W., Ancaster	1	Ancaster	Dundas H. S.
Kennedy, John, Pembroke	3	Pembroke	Pembroke H. S.
Kidd, William, Carp	2	Carp	Brockville H. S.
*Lang, George R., Beckwith	2	Carleton Place	Carleton Place H. S.
Lyon, Horatio V., Latimer	2	Latimer	Albert College.
Marquis, Thomas G., Chatham, N.B.	3	Kingston	Chatham Grammar School.
Miller, John, Peterboro	1	Peterboro	Peterboro C. I.
*Mills, William G., Renfrew	3	Lindsay	University College, Toronto.
*Milne, James W. H., Maxwell	2	Maxwell	Hamilton C. I.
Mitchell, George W., Kingston	2	Kingston	Hutcheson Gr. Sch., Glasgow.
Montgomery, B. F. L., Hamilton	2	Hamilton	Kingston C. I.
Mowat, Lillian E., Kingston	1	Kingston	Kingston.
Mowat, H. Ethel, Kingston	1	Kingston	Kingston.
*Mullan, Nathaniel S., Fergus	2	Fergus	Privately.
			Fergus H. S.

Name and Residence.	Year of Attendance.	Summer Residence.	Where Educated.
Mundell, David E., Kingston	3	Kingston.....	Kingston C. I.
* Munro, Donald G., South Finch.....	3	Poland.....	Pacific College California.
Macdonnell, <u>E.</u> J., Morrisburg	3	Morrisburg.....	Trin. Coll. School, Port Hope.
* McAuley, Alexander, Picton, N.S. ..	4	Picton, N. S.	Pictou N. S.
McClement, William, Kingston	1	Kingston.....	Sydenham H. S.
McColl, Allan E., Seymour.....	2	Campbellford	Campbellford H. S.
McCuaig, Herbert M., Kingston	3	Kingston.....	Kingston C. I.
McKay, Robert, Kingston	3	Kingston.....	Scotland.
McKay, Roderick, Picton, N.S.	5	Picton.....	Dalhousie College.
McLeod, Alexander, South Finch	4	Sourisford, M.	Kingston C. I.
McLeod, James, Kingston	1	Kingston.....	Kingquois H. S.
* McLeod, John, Belfast, P.E.I.	4	Gould, Que.	Prince of Wales Coll., P. E. I. |
McLeod, John C., Kincardine.....	1	Kincardine	Kincardine H. S.
* McKinnon, John, P.E.I.	1	Ripley	Prince of Wales Coll., P. E. I. 68
* McKinnon, Malcolm, P.E.I.	2	Beaverton	Prince of Wales Coll., P. E. I. |
McGuirl, Thomas H., Kingston	3	Kingston.....	Kingston C. I.
McNee, James H., Kingston	2	Kingston.....	Trin. Coll. School, Port Hope.
McNee, Walter H., Kingston	4	Kingston.....	Kingston C. I.
* McLachlan, Alex., Yorkville	3	Yorkville.....	Toronto C. I.
McLennan, Rod. J., Lindsay	3	Lindsay	Lindsay H. S.
* McNaughton, J. P., Dominionville ..	3	Dominionville	Hamilton C. I.
* McNeil, John, Cape Breton	3	Lochiel	Victoria Acad., C. B.
McRae, T. W. R., Belleville	1	Belleville	St. Catharines C. I.
Newlands, Isaac, Kingston	4	Kingston	Kingston C. I.
Nicol, William, Cataraqui	4	Cataraqui	Kingston C. I.
* Paterson, Andrew, Richmond, Q.	4	Mississippi	St. Francis Coll., Richmond.
* Perrin, Louis, Kincardine	3	Sharrott Lake	Kincardine H. S.
Pirie, Henry H., Dundas	1	Dundas	Dundas H. S.
Rathbun, E. W., Deseronto	1	U. C. College	Deseronto

Rathbun, H. B., Deseronto	4	Deseronto	Privately.
*Rattray, James, Kingston	1	Kingston	Privately.
Robertson, Donald M., Williamstown	1	Williamstown	Brandsford C. I.
Robertson, Miles S., Violet	4	Violet	Privately.
Ryan, Edward, Loughboro	1	Loughboro	Sydenham H. S.
Sawyer, Albert, Kingston	1	Kingston	Kingston C. I.
Scott, Colin A., Kingston	3	Kingston	College, City of New York.
Shore, Godfrey, Lansdowne	2	Lansdowne	Elmfield, England.
Shorey, Edwin J., Mayboro	1	Ormstown	Arnprior H. S.
*Shanks, William J., Belleville	4	Kingston	Kingston C. I.
Shannon, John R., Kingston	3	Kingston	Kingston C. I.
*Shaw, John M., Lyn	4	Lyn	Kingston C. I.
Sherlock, John M., Kingston	4	Kingston	Kingston C. I.
Short, Adam, Walkerton	4	Walkerton	Walkerton H. S.
Skinner, John S., Kingston	4	Kingston	Kingston C. I.
Smith, Alexander L., Cornwall	4	Cornwall	Cornwall H. S.
Smith, Gordon J., Peterboro	1	Peterboro	Peterboro C. I.
*Smith, James F., Maxwell	2	Latona	Hamilton C. I.
Smith, Jennie, Kingston	1	St. John, N.B.	Berthier en Haut.
Snowden, Johnson A., Kincardine	2	Kincardine	Kincardine H. S.
*Steele, Jacob, Pinkerton	4	Levant	Kingston C. I.
Stewart, Daniel W., Renfrew	3	Renfrew	Renfrew H. S.
Stirling, James A., Prinyer	2	Prinyer	Bonnington Park Acad., Scot.
Surgeon, Robt. J., Bradford	2	Deerhurst	St. Catharines C. I.
Thomas, Henry P., Belleville	1	Belleville	Belleville H. S.
Westlake, Henry W., Exeter	3	Exeter	McGill College, Montreal.
*Whiteman, Richard, Teeswater	1	Teeswater	St. Catharines C. I.
Wood, Isaac, Kingston	3	Kingston	Albert College.
*Wright, John J., Peterboro	2	Peterboro	Peterboro C. I.
Young, Fred M., Napanee	1	Napanee	Napanee H. S.
Young, Henry E., Napanee	4	Napanee	Napanee H. S.

IN THEOLOGY:

Name and Residence.	Year of Attendance.	Summer Residence.
Anderson, J. Carr, Heckston	1	Kingston
Bennett, James, B.A., Montreal	2	
Brown, James A., Beaverton	1	Ottawa
D'Argent, William E.	3	Wolfe Island
Dow, James, Montreal	2	Manitoba
Hay, John, B.A., Pinkerton	1	Sourisford, Man.
Hay, William, B.A., Paisley	1	Boulter
Langill, Paul F., B.A.	1	Dominion City, Man.
Linton, Adam R., B.A., Orono	2	Manitoba
Moore, John, B.A., Philipston	2	Arthur
Murray, James, B.A., New Glasgow	2	Berkeley
Murray, Robert C., B.A., Pictou, N.S.	1	Grand Valley, Man
McLeod, Alex. K., Laggan	1	Consecon
McTavish, Daniel, M.A., Scone	2	Chesley
Pollock, Peter M., B.A., Kingston	2	Plantagenet
Robertson, John, Kingston	2	Kingston
Smith, William S., Centreville	3	Centreville
Somerville, James, B.A., Uxbridge	2	Montreal
Thom, Leslie, W., Belleville	3	Waddington, N.Y.
Young, John, B.A., Colborne	1	Melrose
IN LAW.		
Mowat, H. M., B.A.	3	Kingston
Strange, John, B.A.	3	Kingston

IN MEDICINE.

Name.	Residence.
Allan, W. F.	Kingston.
Anglin, William G.	Portsmouth.
Ashton, John J.	Newcastle.
Beaman, William C.	Burritt's Raplds.
Beatty, E. R.	Lansdowne.
Bertram, Thomas A.	Dundas.
Blaylock, Ella	New Carlisle.
Bradfield, H.	Morrisburg.
Bullis, William H.	Chatham, O.
Brown, James A.	Beaverton.
Burdett, Harry E.	Belleville.
Cartwright, R. C.	Kingston.
Casselman, Joseph.	N. Williamsburg.
Clancy, Charles C.	Wallaceburg.
Collins, Cornelius.	Hastings.
Connerty, James A.	Jasper.
Corliss, M. A.	St. Thomas.
Cornell, Stanley.	Farmersville.
Coy, William F.	Kingston.
Craig, John A.	Kingston.
Clark, W. C. D.	Odessa.
Cryan, John.	N. Williamsburg.
Cumberland, Thomas.	Rosemont.
Cunningham, H. C.	Kingston.
Davis, Lewis T.	Kingston.
Daly, Edwin A.	Napanee.
Dame, Alexander A.	Prinyer.
Dawson, Henry G.	Wolfe Island.
Dixon, Mortimer L.	Frankville.
Donovan, Edward J.	Campbellford.
Duff, H. Ramsay.	Kingston.
Dwyre, Andrew H.	Elgin.
Dunlop, James D.	Napanee.
Emery, Horatio J.	Dresden.
Foley, Declan E.	Westport.
Ford, Henry B.	Bouck's Hill.
Forin, Alexander.	Belleville.
Froiland, Herman M.	Kingston.
Forrester, Edgar.	Malloryton.
Foxton, Edward.	Kingston.
Foxton, Joseph.	Kingston.
Fraser, Robert A.	Westmeath.
Galligan, Thomas D.	Arnprior.
Gibson, Albert E.	Glenvale.
Hall, William.	Villa Nova.
Herald, John.	Dundas.
Hickey, Daniel C.	Kingston.
Jack, George J.	Belleville.

Name.	Residence.
Jamieson, Archibald.....	Kars.
Keith, Sylvanus	Stellarton, N. S.
Kidd, J. F.	Kingston.
Kyle, William A.	N. Winchester.
Mather, William M.	Plainfield.
Mackie, Daniel H.....	Belleville.
Madge, Walter W.	Kingston.
Malone, George B.	Kingston.
Mellow, Samuel J.....	Sillsville.
Moore, Thomas A.	Kingston.
Mitchell, David J.	Kingston.
Murray, W.....	
McKay, Matthew	Bradford.
McCammon, C. G.	Clifton Springs, N. Y.
McCardel, E. J.	Dundas.
McGhie, George S.	Elgin.
McLaughlin, Edward	Dundela.
McVety, Albert F.....	Loughboro.
McMurchy, Archibald	Strange.
Mundell, David E.	Kingston.
Mundell, John	Kingston.
McGillivray, Alice	Kingston.
Neish, George J.	Kingston.
Oliver, Marion	St. Mary's.
Page, Thomas A.	Brockville.
Reynolds, Nellie E.	Mount Forest.
Russell, Donald G.	Morrisburg.
Smith, Robert S.	N. Williamsburg.
Smith, Elizabeth	Winona.
Smith, Frederick B.	Cape Vincent, N.Y.
Spankie, William	Kingston.
Stirling, John E.....	Oriella.
Stirling, James A.	Prinyer.
Stone, Harry B.....	Frankville.
Storms, Douglas A.	Odessa.
Webster, M. J.	Napanee.
White, Albert N.	Kingston.
Williams, Herbert S.....	Rose Hall.
Wright, Edward W.....	Bath.
Young, William J.....	Carlow.

EXAMINATION PAPERS

— FOR —

SESSION 1882-3.

EXAMINATION PAPERS.

SESSION 1882-3.

FACULTY OF ARTS.

MATRICULATION EXAMINATION.

LATIN.

FIRST PAPER.

I.

Translate :

Quum paulo longius a castris processisset, suos ab hosti-
bus premi, atque ægre sustinere, et, conferta legione, ex
omnibus partibus tela conjici, animum advertit. Nam quod,
omni ex reliquis partibus demesso frumento, pars una erat
reliqua, suspicati hostes hoc nostros esse venturos, noctu in
silvis delituerant : tum dispersos, depositis armis, in meten-
do occupatos, subito adorti, paucis imperfectis, reliquos in-
certis ordinibus perturbaverant : simul equitatu atque
essedis circumdederant.

[Cæsar, De Bell. Gall.

1. Parse *conferta*, *demesso*, *delituerant*, *dispersos*, *adorti*.
2. Explain the syntax of *processisset*, *premi*, *conferta*.

II.

Translate :

Nam, quas res nos in consulatu nostro vobiscum simul pro
salute hujus urbis atque imperii et pro vita civium proque
universa republica gessimus, attigit hic versibus atque inco-
havit : quibus auditis, quod mihi magna res et jucunda visa
est, hunc ad perficiendum hortatus sum. Nullam enim
virtus aliam mercedem laborum periculorumque desiderat,
præter hanc laudis et gloriæ ; qua quidem detracta, judices,
quid est, quod in hoc tam exiguo vitæ curriculo et tam brevi
tantis nos in laboribus exerceamus ? Certe, si nihil animus

præsentiret in posterum, et si, quibus regionibus vitæ spatum circumscripum est, eisdem omnes cogitationes terminaret suas, nec tantis se laboribus frangeret, neque tot curis vigiliisque angeretur, neque toties de vita ipsa dimicaret.

[Cicero, Pro Archia.]

1. Parse *gessimus, attigit, detracta, frangeret, dimicaret.*
2. *Quas res gessimus.* Explain.

III.

Translate :

Tempus erat, quo prima quies mortalibus ægris
Incipit, et dono Divum gratissima serpit.
In somnis ecce ante oculos moestissimus Hector
Visus adesse mihi, largosque effundere fletus ;
Raptatus bigis, ut quondam, aterque cruento
Pulvere, perque pedes trajectus lora tumentes.
Hei mihi, qualis erat ? quantum mutatus ab illo
Hectore, qui redit exuvias indutus Achillis,
Vel Danaum Phrygios jaculatus puppis ignes !
Squalentem barbam, et concretos sanguine crines,
Vulneraque illa gerens, quæ circum plurima muros
Accepit patrios.

[Virgil, Æneid, B. II.]

1. Explain the case of *lora, exuvias.* Derive *bigis, cruento, concretos.*
2. *Raptatus bigis.* Explain the allusion.

IV.

Translate :

Consului, neque cnim modice terrebar, anusque
Longaevosque senes : constituit esse nefas.
Caesa abies, sectaeque trabes, et classe parata,
Caerula ceratas accipit unda rates.
Flesti discedens : hoc saltim parce negare :
Praeterito magis est iste pudendus amor.
Et flesti, et nostros vidisti flentis ocellos :
Miscuimus lacrimas maestus uterque suas.
Non sic appositis vincitur vitibus ulmus,
Ut tua sunt collo brachia nexa meo.
Ah ! quotiens, cum te vento quererere teneri,
Riserunt comites : ille secundus erat.

[Ovid, Heroides.]

1. Parse *constituit, caesa, sectae, miscuimus, vincitur.*
2. Give some account of Ovid's life and character.

SECOND PAPER.

I.

1. Decline throughout, with the adjective *nullus*, the following nouns : *dea, deus, senex, arx, portus*.
2. Give the degrees of comparison of *facilis, benevolus, nequam, parvus*.
3. Distinguish *hic, iste* and *ille*; *qui* and *quis*; *quidam* and *quisquam*.
4. Give in full the *imperfect subjunctive* of the following verbs : *vereor, possum, nolo, eo, fio*.
5. Give the principal parts of *juvo, caveo, gaudeo, fingo, pendo, orior*.

II.

Translate into Latin :

- (a) I am afraid the enemy have seized the citadel.
- (b) Do not imagine that they will make the same request as you.
- (c) Have you heard yet when they intend to come?
- (d) It is of the utmost importance to us whether they have been conquered or not.
- (e) They ought to have done that before.

III.

Translate at sight :

Cæsar, etsi intelligebat, qua de causa ea dicerentur, quæque eum res ab instituto consilio deterreret, tamen, ne æstatem in Treviris consumere cogeretur, omnibus ad Britannicum bellum rebus comparatis, Indutiomarum ad se cum ducentis obsidibus venire jussit. His adductis, in iis filio propinquisque ejus omnibus, quos nominatim evocaverat, consolatus Indutiomarum hortatusque est, uti in officio permaneret : nihil tamen secius, principibus Trevirorum ad se convocatis, hos singillatim Cingetorigi conciliavit : quod quum merito ejus ab se fieri intelligebat, tum magni interesse arbitrabatur, ejus auctoritatem inter suos quam pluri-

mum valere, cuius tam egregiam in se voluntatem perspexisset. Id factum graviter tulit Indutiomarus, suam gratiam inter suos minui; et, qui jam ante inimico in nos animo fuisse, multo gravius hoc dolore exarsit.

[Cæsar, De Bell. Gall.

GREEK.

FIRST PAPER.

1. Translate :

Μετὰ τῶντα Κύρος ἐξελαύνει σταθμοὺς τέτταρας παρασάγγας εἴκοσιν ἐπὶ τὸν Χάλον ποταμὸν, ὅντα τὸ εὖρος πλέθρου, πλήρη δὲ ἴχθύων μεγάλων καὶ πραέων, οὓς οἱ Σύροι θεοὺς ἐνόμιζον καὶ ἀδικεῖν οὐκ εἴων, οὐδὲ τὰς περιστεράς. Αἱ δὲ κῶμαι ἐν αἷς ἐσκήνουν Παρυσάτιδος ἡσαν εἰς ζώνην δεδομέναι. Ἐντεῦθεν ἐξελαύνει πέντε παρασάγγας τριάκοντα ἐπὶ τὰς πηγὰς τοῦ Δαράδακος ποταμοῦ, οὗ τὸ εὖρος πλέθρου. Ἐνταῦθα ἡσαν τὰ Βελέσους βασίλεια τοῦ Συρίας ἀρξαντος, καὶ παράδεισος πάνυ μέγας καὶ καλὸς, ἔχων πάντα δσα ὄρα φύουσι. Κύρος δὲ αὐτὸν ἐξέκοψε καὶ τὰ βασίλεια κατέκαυσεν. Ἐντεῦθεν ἐξελαύνει σταθμοὺς τρεῖς παρασάγγας πεντεκαίδεκα ἐπὶ τὸν Εὐφράτην ποταμὸν, ὅντα τὸ εὖρος τεττάρων σταδίων.

[Xénophon, Anabasis, Bk. I., Chap. 4.

- Parse *ἐξελαύνει*, *εἴων*, *δεδομέναι*, *ἐξέκοψε*.
- Account for the case of *σταθμοὺς*, *περιστεράς* and *Παρυσάτιδος*.
- State the length of a *parasang*, *stathmos*, *plethrum* and *stadium* respectively.
- Give an account of Cyrus.
- εἰς ζώνην*. Explain what is meant and cite an equivalent expression in English.
- Translate :

Τέκνον, τίπτε λιπῶν πόλεμον θρασὺν εἰλήλουθας;
ἢ μάλα δὴ τείρουσι δυσώνυμοι υἱες Ἀχαιῶν

*Μαρνάμενοι περὶ ἀστυν σὲ δὲ ἐνθάδε θυμὸς ἀνῆκεν
Ἐλθόντες δὲ ἀκρηγος πόλεος Διὶ χεῖρας ἀνασχεῖν.
Ἄλλα μέν δέ φρα κέ τοι μεληδέα οἶνον ἐνείκω,
Ως σπείσης Διὶ πατρὶ καὶ ἄλλοις ἀθανάτοισιν
Πρῶτον, ἔπειτα δέ κ' αὐτὸς δύνησει, αἴ κε πίγσθα.
Ἄνδρὶ δὲ κέκμητε μένος μέγα οἶνος ἀέξει,
Ως τύνη κέκμηκας ἀμύνων σοῖσιν ἔτησιν.*

[Homer, Iliad, Bk. VI., 254—262.]

8. Parse *εἰλήλουθας*, *ἀνῆκεν*, *ἐνείκω*, *πίγσθα*, *κέκμητε*.
9. *ἀνῆκεν*. Mention the other verbs with *κα* in first aorist.
10. Derive *τέκνον*, *τίπτε*, *δυσώνυμοι*, *μεληδέα*.
11. Point out the dialectical forms and give the corresponding Attic.
12. Scan the first three lines.

SECOND PAPER.

1. Decline the following : *γλῶσσα*, *νεανίας*, *φύλαξ*, *πόλεις*, *γένος*, *ἔγώ*, *σύ*
2. Write down and explain by rule the contractions of *αιδόα*, *γένεος*, *ἀέκων*, *ἔαρ*.
3. Give the datives, singular and plural, of the following nouns : *ναῦς*, *ὅρνις*, *πολέτης*, *ἄρχων*, *παῖς*.
4. Under each of the following, write its comparative and its superlative : *κοῦφος*, *αἰσχρός*, *ράδιος*, *ἀξιος*, *ταχύς*, *μέγας*, *ἔχθρός*, *πολύς*.
5. Go through the tense of each of the following : *ἴστημι*, *ἔτιθην*, *οἶδα*, *εἰμί*, *ἔβην*.
6. After each of the following write the *verbal-stem*, explaining how the *present-stem* has been formed from it : *πείθω*, *βάπτω*, *φαινω*, *βαίνω*, *ἴστημι*, *ἴκνέομαι*.

7. Translate into Greek :

- (a) Cyrus and the army remained three days there.
- (b) Do not wonder, fellow-soldiers, that I am greatly vexed at the present condition of affairs.
- (c) Tissaphernes with about five hundred horsemen hurries to the king as quickly as possible.
- (d) They readily obeyed, for they trusted Cyrus, and taking their arms they went to Sardis.
- (e) Having sent for the Greek generals, he told them that he was marching against the king.

8. Translate at sight :

Ἐν δὲ τούτῳ ἦκε Τισσαφέρνης ἔχων τὴν ἑαυτοῦ δύναμιν, ὃς εἰς οἶκον ἀπιών, καὶ Ὁρόντας τὴν ἑαυτοῦ δύναμιν. ἦγε δὲ καὶ τὴν θυγατέρα τὴν βασιλέως ἐπὶ γάμῳ. Ἐντεῦθεν δὲ ἡδη Τισσαφέρνους ἥγουμένου καὶ ἀγοράν παρέχοντος ἐπορεύοντο· ἐπορεύετο δὲ καὶ Ἀριαῖος, τὸ Κύρου βαρβαρικὸν ἔχων στράτευμα, ἅμα Τισσαφέρνει καὶ Ὁρόντᾳ καὶ ἔνυεστρατοπεδεύετο σὺν ἔκείνοις. Οἱ δὲ Ἐλληνες ὑφορῶντες τούτους αὐτοὶ ἐφ' ἑαυτῶν ἔχωρουν ἥγεμόνος ἔχοντες. Ἐστρατοπεδεύοντο δὲ ἐκάστοτε ἀπέχοντες ἀλλήλων παρασάγγην καὶ μεῖον· ἐφυλάττοντο δὲ ἀμφότεροι ὥσπερ πολεμίους ἀλλήλους, καὶ εὐθὺς τοῦτο ὑποφίαν παρεῖχεν. Ἐνίοτε δὲ καὶ ἔνυλεζόμενοι ἐκ τοῦ αὐτοῦ καὶ χόρτον καὶ ἄλλα τοιαῦτα συλλέγοντες πληγὰς ἐνέτεινον ἀλλήλοις· ὥστε καὶ τοῦτο ἔχθραν παρεῖχε.

[Xenophon, *Anabasis*, Bk. II., Chap. 4.]

MATHEMATICS.

1. Multiply .0018796 by 3841.713, and divide .04963 by .00017648, keeping in each case four decimals in the result.

2. If $\frac{\frac{3}{2} + \frac{2}{3}}{4\frac{1}{2} \cdot \frac{3}{4}}$ of a pound avoirdupoise costs $\frac{3}{8}$ of a dollar what will $\frac{\frac{2}{3} \times \frac{3}{4}}{.81 \times 3\frac{2}{3}}$ of 1 pound $12\frac{4}{9}$ ounces cost ?

3. A man buys milk for 12 cents per gallon. He adds sufficient water to make 10 per cent of the whole. He then sells it at 5 cents per quart, but loses $\frac{2}{3}$ of a gill on every gallon. What percentage of profit does he make ?

4. Work out to 4 decimals $\frac{\sqrt{2} + 1}{\sqrt{5} - \sqrt{3}}$.

5. Find the product of $(\frac{1}{2} + \frac{1}{6}\sqrt{21})(\frac{1}{2} - \frac{1}{6}\sqrt{21})$.

6. Factor $x^2(x-a)(x-b) + ax(a+1)(x-b) + bx(b+1)(x-a) + ab(a+1)(b+1)$.

7. Divide $x^7 + 2x^2 - x - 2$ by $x^2 - 1$.
Have $x^7 - 2x^3 + 1$ and $x^2 - 3x + 2$ a common factor ? If so, find it.

8. Given, $\frac{x - \frac{1}{x}}{x - 1 - \frac{x - 1}{1 - \frac{x}{2}}} = 1$ to find x .

9. Explain the method of geometrical proof by
(a) reductio ad absurdum, (b) superposition ?
Give examples of such from Euclid.

10. Name and define the different kinds of triangles.
Prove that the greater side of every triangle is
opposite the greater angle.
What are the limits of magnitude for an angle
of a triangle ?

11. Triangles upon the same or equal bases and between the same parallels are equal. Prove it.
To divide a given triangle into four equal and similar triangles.
12. The square described upon a line is equal to the sum of the squares described upon its two parts together with the rectangle contained by the parts.
To what algebraical formula does this correspond ?
13. $ABCD$ is a square. CD is bisected in E and CB in F and AE , AF and EF are drawn. Compare the area of the triangle AEF with that of the square.
14. It is required to construct a square which shall be equal to a given triangle.

ENGLISH LANGUAGE.

FIRST PAPER.

1. Parse the following passage ;

Sweet smiling village, loveliest of the lawn.
Thy sports are fled, and all thy charms withdrawn ;
Amidst thy bowers the tyrant's hand is seen,
And desolation saddens all thy green :
Only one master grasps the whole domain,
And half a *tillage* *stints* thy smiling plain ;
No more thy glassy brook reflects the day,
But, chok'd with *sedges*, works its weedy way ;
Along thy *glades*, a solitary *guest*
The hollow sounding bittern *guards* its nest :
Amidst thy desert walks the *lapwing* flies,
And tires their echoes with unvaried cries.
Sunk are thy bowers in shapeless ruin all,
And the long grass o'ertops the mouldering wall,
And, trembling, shrinking from the spoiler's hand,
Far, far away thy children leave the land.

2. Give the derivation and explain the words in italics.

3. Give a short sketch of Goldsmith's life, pointing out any circumstances which may be associated with the inception of "The deserted Village."
4. Give an outline of the poem, stating any excellencies as well as any defects which it presents.
5. Goldsmith was a member of a celebrated circle. Mention other members.
6. Compare Cowper's and Goldsmith's poetry.

SECOND PAPER.

1. Write an essay on either of the following subjects :
 - (a) The advantages of a University education.
 - (b) Cowper, his life and writings.

FRENCH.

1. Translate, and write the feminine of the adjectives, *malin, public, frais, sec, digne, triste, vieux, long, ancien, amer*.
2. Translate into English the words *sain, saint, ceint, cinq, le sein* and *le seing*.
3. When are the final letters of *cinq, six, sept, huit, neuf, dix*, sounded, and when not ?
4. Give the principal parts of *acquerir, savoir, naître, connaître, tenir, suivre*, and *vivre..*
5. When may *en* and when may *a* be used before names of places ?
6. What position does the adverb take in French (1) with simple tenses, (2) with compound tenses ?
7. Distinguish between *chaque* and *chacun*. Give examples of their use.
8. Translate the words *du* and *dû*; *sur* and *sûr*;

des, dès and *les dés* ; *cru* and *crû* ; and *mur* and *mûr*.

9. When are personal pronouns used as subjects placed after the verb ?

Translate into French :

- (a) Alexander gave to Porus a kingdom larger than the one he had before.
- (b) Socrates passed the last day of his life in discoursing on the immortality of the soul.
- (c) We tell him the truth, but he will not believe us.
- (d) Write injuries upon sand, and benefits on brass.
- (e) It was at the entrance of Edward the Third into Calais, in 1347, that the drum was heard to beat for the first time.

II.

Translate into English :

La situation de Hoche devint alors très-pénible. La paix dictée en quelque sorte par les insurgés et par Cormatin, représentant de l'agence royaliste en Bretagne et en Vendée, donna au parti qui voulait continuer l'insurrection et la guerre une confiance exagérée en ses forces. . " Il n'y eut pas, écrivait alors l'adjutant général Savary, un seul insurgé des deux côtés de la Loire, qui ne s'imaginât avoir fait grâce à la République." Une telle présomption engendra le mépris pour les autorités républicaines et pour les forces du gouvernement, et de graves excès furent commis en beaucoup d'endroits avec l'audace que donne la certitude de l'impunité.

Lazare Hoche, page 61.

1. Parse *devint, écrivait, s'imaginât, commis.*
2. *Beaucoup.* After what words is *de* used without the article ?
3. *Alors, seul, tel.* Give the derivation.
4. *S'imaginer.* Write out fully a compound tense of this verb.

Translate into French :

The danger indeed was imminent. The disaster of Quiberon had not discouraged the English government. A new squadron sailed towards the coast of France in the last days of September: it bore two thousand foot-soldiers, five hundred cavalry-men fully equipped, arms, munitions, provisions for a numerous army, and lastly the prince so long expected, the Count d' Artois, brother of Louis the Sixteenth, and who became King Charles the Tenth.

GERMAN.

1. Write out fully the declension of *Der Mann*, *Ein guter Mann*, *Der gute Mann*.
2. State the case (or cases) governed by each of the following prepositions : *aus*, *mit*, *zu*, *durch*, *für*, *ohne*, *wegen*, *auf*, *über*, *von*, *nach*, *um*, *während*.
3. (a) In a *compound substantive* what is the gender ? Which component is invariable ? Decline *Kaufmann* fully. (b) Show the difference between *der See* and *die See*; *der Thor* and *das Thor*; *Fürst* and *Prinz*; *Wand* and *Mauer*; *Platz* and *Ort*.
4. Give the meaning, gender, and genitive singular of *Herz*, *Soldat*, *Nachricht*, *Kaiser*, *König*, *Frosch*, *Knabe*, *Straße*, *Dorf*, *Freundschaft*, *Kunst*, *Bäumchen*, *Reichthum*. State also to which declension these nouns belong.
5. (a) Give the degrees of comparison of *alt*, *stark*, *kurz*, *hoch*, *gut*, *viel*, *klar*, *stolz*. (b) Explain when *der reichste* is used in the superlative, and when *am reichsten*.
6. Give the principal parts of *sprechen*, *denken*, *sterben*, *nehmen*, *geben*, *singen*, *leiden*, *schreiben*.
7. (a) Distinguish between strong and weak verbs. (b) What auxiliary is used in German to form the passive voice ?

II.

Translate into English :

(a) Da hört man auf den Stufen,
Auf einmal eine Stimme rufen ;
„Sieh da, sieh da, Timotheus,
Die Kraniche des Ibykus !“—
Und finster plötzlich wird der Himmel,
Und über dem Theater hin
Sieht man in schwärzlichem Gewimmel
Ein Kranichheer vorüberziehn.
Die Kraniche des Ibykus.

(b) Die Antwort bringt er seinem Herrn
In schnellem Lauf zurück.
Als der ihn kommen sieht von fern,
Raum traut er seinem Blick :
„Unglüdlicher ! wo kommst du her !“—
„Vom Eisenhammer.“—„Nimmermehr !
So hast du dich im Lauf verspätet ?“
„Herr, nur so lang, bis ich gebetet.“
Denn, als von eurem Angesicht
Ich heute ging, verzeiht !
Da fragt' ich erst, nach meiner Pflicht,
Bei der, die mir gebeut.
Die Messe, Herr, befahl sie mir
Zu hören ; gern gehocht' ich ihr
Und sprach der Rosenkränze viere
Für euer Heil und für das ihre.“
Der Gang nach dem Eisenhammer.

1. Die Antwort. To what rule for gender is this an exception ?
2. Wo . . . her. Explain the difference between her and hin.
3. For what are vom and im contractions ?
4. Parse : ging, befahl.

5. For what does *gebeut* stand? Supply the omitted auxiliary.
6. Translate into German: I am staying at home because of the rain. Yesterday, I found a book in the street. We have had the good fortune to have a faithful friend. The poet Schiller died in the year 1805. Old people, young men and women, and little children, walked in the beautiful garden of our kind friend.

PASS EXAMINATION.

JUNIOR LATIN.

FIRST PAPER.

1. State cases governed by *fungor*, *celo*, *dono*, *rogo*, *impero*, *vescor*, *coram*, *penes*, *propter*, *cupidus*, *patiens*, *præditus*, *similis*.
2. Conjugate the verbs to which the following participles belong : *electus*, *fissus*, *repertus*, *expertus*, *orsus*, *nactus*, *mensus*, *confisus*, *dilectus*, *lotus*.
3. Mention the various ways of expressing purpose in Latin, and translate to illustrate the rule : He sent cavalry to help the Veneti.
4. (a) Give rules for changing the construction from Direct to Oblique Narration. Illustrate.
(b) State Madvig's rule for questions in the second person.
5. (a) In what mood are clauses dependent on (1) acc. with infinitive, (2) a previous subjunctive ? Explain and illustrate.
(b) What exceptions are there to the Law of Dependence in Mood ?
6. State the rule for “*price*” and “*place whither*.”
Translate : He sent an army to Carthage, in Africa.
He sold the slave for three talents.
He values him more every day.
7. Translate in various ways and explain the form of the subordinate clause in the following sentences :

On hearing this, [Cæsar departed from Rome. After Octavius conquers his enemies, I will visit Athens.

All things rejoice on the return of Spring.

8. Mention the construction after the conjunctions *quum*, *ubi*, *postquam*, *priusquam*, *dum*, *quamvis*, *quamquam*, *utinam*, *tanquam*, *quando*, *dummodo* and *quia*.

II.

Translate into Latin :

1. Theophrastus is said to have accused Nature, because she had given a long life to crows, and so short a life to men.

2. If death were feared, Brutus would not have fallen in battle and the Decii would not have exposed themselves to the weapons of the enemy.

3. Let us consider, first, whether the universe is governed by the foresight of the gods ; secondly, whether they provide for the welfare of man.

4. After Pompey had learned what had been done at Corfinium, he set out with two legions for Luceria and in five days arrived at Brundisium.

5. Do you suppose that men who are said to predict the future can tell you whether the moon uses her own light or that of the sun ?

SECOND PAPER.

I.

1. Translate :

O fons Bandusiæ, . . . Lymphæ desiliunt tuæ.

[Horace, Odes III. 13.

2. Parse *donaberis, tangere, fies, desiliunt.*
3. Account for the case of *mero, hædo, fontium.*
4. Write notes on *Bandusiæ—mero—Caniculæ.*
5. Mention some of the *nobiles fontes.*
6. Give the scansion of the Ode.

II.

1. Translate :

Consilio etiam unius . . . lenitum sit.

[Livy I. 16.

2. Mention the construction of *civitate, posse, fidei* and *fuerit.*
3. Distinguish between *ait* and *inquit—contio, consilium, concilium.*
4. Substitute a finite clause for *locutus.*
5. Throw into *oratio obliqua* from *Romulus* to *abiit.*

III.

- Translate at sight :

Nam reges Syriae, regis Antiochi filios, scitis Romae nuper fuisse; qui venerant non propter Syriae regnum,—nam id sine controversia obtinebant ut a patre et a maioribus acceperant,—sed regnum Egypti ad se et ad Selenen matrem suam pertinere arbitrabantur. Hi ipsi, posteaquam per senatum agere quae voluerant non potuerunt, in Syriam, in regnum patrium profecti sunt. Eorum alter, qui Antiochus vocatur, iter per Siciliam facere voluit. itaque isto praetore, venit Syracusas.

JUNIOR GREEK.

FIRST PAPER.

1. Decline *δστοῦν, τεῖχος* and *πόλις* and explain the contractions.
2. Compare *μέλας, ἐλαχύς, φίλος, σοφῶς, μάλα* and *ἀληθῶς.*

3. Mention the positions of a genitive dependent on a substantive having the article, and state which of these are partitive. Illustrate.
4. State the attributive and predicate positions of the adjective and the position of the demonstratives. Illustrate.
5. Distinguish between $\mu\eta\chi\lambda\epsilon\psi\eta\varsigma$ and $\mu\eta\chi\lambda\epsilon\pi\tau\epsilon$.
6. Give the forms of the Hypothetical sentence with Latin and English equivalents. State what apodosis may be used indiscriminately with all conditional clauses and the words to which $\delta\nu$ generally attaches itself in the apodosis.
7. Mention the direct interrogative particles employed in single and double questions. Illustrate.
8. Mention the Atonics, Enclitics and words which suffer Anastrophe.
9. Translate with accents into Greek :
 - (a) Do you not wish to go and see the generals with the hoplites march through the city to the strong bridge on the river ?
 - (b) This man came to the King and said that Klearchos was collecting a Grecian host with the money which Cyrus had given him.
 - (c) The bridge was destroyed by the enemy. Xenophon however ordered the soldiers to cross ; and no one of those who crossed was wet higher than his breast.
 - (d) The rest of the targeteers followed the general, when the sacrifice had been made and the soothsayer had announced a battle favorable to the Greeks.

SECOND PAPER.

1. Translate : Xen. Anab. Bk. VII., c. 3, § 1, 2.
2. Parse *λαβόντες*, *πέμψασιν*, *ἔλασαι*.
3. Distinguish between *πρός*, *ώς*, *ἐν*, *εἰς*, — *ἐκ*, *ἀπό*.
4. Trace the movements of the Greeks after leaving Byzantium.

II.

1. Translate : Eur. Alc. vv. 615—624.
2. Parse *προύθανε*, *ἔθηκεν*, *τλῆσα*.
3. What place did the Alcestis occupy in the tetralogy to which it belongs ? What example of the Satyric play is still extant ?
4. Translate vv. 962—972.
5. To what branch of his studies does Euripides allude when he says *μετάρσιος ἥξα* ?
6. What dialects and worships do we find combined in Greek Tragedy ?
7. Describe the theatre of Athens and the general features of a Greek dramatic representation. State the situation of the theatre. Mention the number of the chorus in tragedy and comedy respectively, and explain the terms *θυμέλη*, *σκηνή*, *προσκήνιον*, *πάροδος*, *λογεῖον*, *βροντεῖον*, *χαρώνιον*, *κλίμακες*, *κατὰ ζυγά* and *κατὰ στοίχους*.

III.

Translate at sight : Xen. Anab. Bk. IV., c. 3, § 1, 2.

SENIOR LATIN.

FIRST PAPER.

I.

Translate :

Ubi est septiens aequum dixit videri.

[Cicero, Philippic II, ch. 39.]

1. Parse *desisti, emebantur, abstulerat, mortuus.*
2. Write notes on *septiens miliens, ad Opis, Idibus Martiis, Deiotarus.*
3. Explain the syntax of *pecuniae, posset (continere.)*
4. *Aequi, boni.* What figure?
5. Give some account of the Roman Comitia.

II.

Translate :

Deinde eo dormitum . . . patruusque fuisset.

[Horace, Satires, Bk. I, vi., 119—131.

1. Parse *surgendum, iaceo, iuvet, lavatum, solutorum, victurum.*
2. *Obeundus Marysa.* Explain.
3. *Non quo.* Supply the ellipse.
4. *Ire.* Give the prose construction.
5. “*Satira tota nostra est.*” Translate and explain.

SECOND PAPER.

I.

Translate :

Pisonem interim apud Coum . . . amor praevaleret.

Tacitus, Annals, B. 11, ch. 75.

1. Parse *ablatam, censebat, pertimescenda, infixus.*
2. Explain the syntax of *excessisse, cultu, repeteret, consultanti, odio.*
3. *Quid agendum.* Supply the ellipse.
4. Turn into *oratio recta* from *discordiam* to the end of the extract.
5. Give some account of the life of Tacitus.

II.

Translate at sight :

Hannibali victori quum cæteri circumfusi gratularentur suaderentque, ut tanto perfunctus bello diei quod reliquum esset noctisque insequentis quietem et ipse sibi sumeret et fessis daret militibus, Maharbal præfектus equitum minime cessandum ratus "Immo ut, quid hac pugna sit actum, scias, die quinto" inquit "victor in Capitolio epulaberis. Sequere: cum equite, ut prius venisse quam venturum sciant, præcedam." Hannibali nimis læta res est visa majorque quam ut eam statim capere animo posset; itaque voluntatem se laudare Mahabalis ait, ad consilium pensandum temporis opus esse. Tum Maharbal: "Non omnia nimirum eidem di dedere: vincere scis, Hannibal, victoria uti nescis." Mora ejus diei satis creditur saluti fuisse urbi atque imperio.

[Livy.

THIRD PAPER.

I.

1. State and illustrate the construction after verbs of *doubting* and *hindering*.
2. What limitation to the use of the ablative after a comparative? Illustrate.

Translate: (a) He is too proud to be a slave.
(b) The more, the better.

3. What substitutes for the Pf. Pt. Act. in Latin?

Translate: After hearing the ambassador, the magistrate convened an assembly of the people.

4. State the rule for the Passive construction of verbs that govern a dative.

Translate: We should all consult the best interests of the country.

5. Exhibit by examples the regular forms of the conditional sentence in *oratio obliqua*.

6. Illustrate the construction of *refert*, *opus est*, *oporet*, *taedet*, *dono*.

II.

Translate into Latin :

- (a) Have you heard that he intended to start upon the following day for Thebes ?
- (b) Oh ! that they had never gone forth to meet the enemy. All would now have been alive.
- (c) Wait till he returns, and then let me know what his intentions are.
- (d) From the 25th of March to the 5th of May is forty-one days, and during all these days we have been unable to learn anything of him.
- (e) All good citizens, he said, had rejoiced at the assassination of the tyrant and the liberation of their country.

III.

Translate into Latin :

When Priene, the birth-place of Bias, one of the Seven Wise Men of Greece, was taken by assault, some of the citizens at once got together their most valuable effects and prepared to leave the city. One of their number, observing the philosopher joining them empty-handed, advised him to carry as much of his property with him as he could. "My property," he replied, "I always carry with me." By this answer the philosopher meant to imply that to the wise man wisdom is the only real wealth.

SENIOR GREEK.

FIRST PAPER.

I.

Translate :

ἀλλ' αὐτό μοι σὺ, ὁ φειλέτης ἔτει.

[Sophocles, Ajax., vv., 574—590.

1. Parse *τεθάψεται*, *δέχου*, *πάκτου*, *θᾶσσον*, *τομῶνται*, *τεθηγμένη*, *δρασείεις*.
2. Derive *ἐπώνυμον*, *πολυρράφου*, *ἐπτάβοιον*, *ἄρρηκτον*, *φιλοίκτιστον*, *δφειλέτης*.
3. Explain the construction of *μοι*, *ώς τάχος*, *μὴ προδοὺς ήμᾶς γένη*, *ἀρκεῖν*.
4. *Μὴ χρῖνε, μὴ ἔέταξε.* Give the corresponding aorist forms.
5. Trace the rise of Greek Tragedy to the time of Aeschylus.

II.

Translate :

καίτοι τί δήποτε, δόριστα ἀπαντα.

[Demosthenes, Philippic I., p. 50.

1. Parse *λάχωσιν*, *ἐπιμελούμενοι*, *τέτακται*, *ἡμέληται*.
2. Write notes on *Παναθηναίων*, *χορηγὸς*.
3. Explain the case of *Χρόνου*, *καιρῶν*, *νόμων*.
4. Sketch briefly the career of Philip of Macedon down to the delivery of the First Philippic.

SECOND PAPER.

I.

Translate :

Τοιαῦτα δὲ ο ἥλθε κινδύνου.

[Thucydides, B. III., ch. 49.

1. Parse *ρηθεισῶν*, *φθασάσης*, *εῦρωσι*, *διεφθαρμένην*, *ὑποσχομένων*, *πεφυραμένα*, *γέροῦντο*, *ἐναντιωθέντος*, *ἀνεγνωκέναι*.
2. Derive *ἀντιπάλων*, *χειροτονια*, *ἀγχώμαλοι*, *ψήφισμα*
3. Explain the syntax of *πρέσβεων*, *μὴ διαφθεῖραι*, *κινδύνου*.
4. Describe briefly the constitution, functions and

relation to each other of the Athenian Boule and Ecclesia.

II.

Translate at sight :

ἐκ τούτου λέγει τάδε Ξενοφῶν. Ἀλλὰ ταῦτα μὲν δὴ πάντες ἐπιστάμεθα δτι βασιλεὺς καὶ Τισσαφέρνης οὓς μὲν ἐδυνήθησαν συνειλήφασιν ἡμῶν, τοῖς δὲ ἄλλοις δῆλον δτι ἐπιβουλεύουσιν, ὡς ἡν δύνωνται ἀπολέσωσιν. ἡμῖν δέ γε οἱμαὶ πάντα ποιητέα ὡς μήποτε ἐπὶ τοῖς βαρβάροις γενώμεθα, ἀλλὰ μᾶλλον ἔκεινοι ἐφ' ἡμῖν. εὖ τοίνυν ἐπίστασθε δτι ὑμεῖς τοσοῦτοι ὄντες δσοι ὑῦν συνεληλύθατε μέγιστον ἔχετε καιρόν. οἱ γάρ στρατιῶται οὗτοι πάντες πρὸς ὑμᾶς βλέπουσι, καὶ μὲν ὑμᾶς ὄρωσιν ἀθύμοῦντας, πάντες κακοὶ ἔσονται, ἡν δὲ ὑμεῖς αὐτοὶ τε παρασκευαζόμενοι φανεροὶ ἡτε ἐπὶ τοὺς πολεμίους καὶ τοὺς ἄλλους παρακαλῆτε, εὖ ἴστε δτι ἔφονται ὑμῖν καὶ πειράσονται μιμεῖσθαι.

[Xenophon, Anabasis.

THIRD PAPER.

I.

1. Give the principal parts of *δλλυμ*, *ἀγνυμ*, *πίπτω*, *στέλλω*, *αἰσθάνομαι*.
2. State and illustrate the more common uses of the Dative case.
3. Show by examples the regular forms of the hypothetical sentence in *oratio obliqua*.
4. Collect and illustrate the chief uses of *μή*.
5. Give rules for the use of *μὴ οὐ* and *οὐ μή*.
6. Mention the common interrogative forms, direct and indirect.

II.

Translate into Greek :

11. Triangles upon the same or equal bases and between the same parallels are equal. Prove it.

To divide a given triangle into four equal and similar triangles.

12. The square described upon a line is equal to the sum of the squares described upon its two parts together with the rectangle contained by the parts.

To what algebraical formula does this correspond ?

13. $ABCD$ is a square. CD is bisected in E and CB in F and AE , AF and EF are drawn. Compare the area of the triangle AEF with that of the square.

14. It is required to construct a square which shall be equal to a given triangle.

ENGLISH LANGUAGE.

FIRST PAPER.

1. Parse the following passage ;

Sweet smiling village, loveliest of the lawn.
Thy sports are fled, and all thy charms withdrawn ;
Amidst thy bowers the tyrant's hand is seen,
And desolation saddens all thy green :
Only one master grasps the whole domain,
And half a *tillage stints* thy smiling plain ;
No more thy glassy brook reflects the day,
But, chok'd with *sedges*, works its weedy way ;
Along thy *glades*, a solitary *guest*
The hollow sounding bittern *guards* its nest :
Amidst thy desert walks the *lapwing* flies,
And tires their echoes with unvaried cries.
Sunk are thy bowers in shapeless ruin all,
And the long grass o'ertops the mouldering wall,
And, trembling, shrinking from the spoiler's hand,
Far, far away thy children leave the land.

2. Give the derivation and explain the words in italics.

3. Give a short sketch of Goldsmith's life, pointing out any circumstances which may be associated with the inception of "The deserted Village."
4. Give an outline of the poem, stating any excellencies as well as any defects which it presents.
5. Goldsmith was a member of a celebrated circle. Mention other members.
6. Compare Cowper's and Goldsmith's poetry.

SECOND PAPER.

1. Write an essay on either of the following subjects :
 - (a) The advantages of a University education.
 - (b) Cowper, his life and writings.

FRENCH.

1. Translate, and write the feminine of the adjectives, *malin, public, frais, sec, digne, triste, vieux, long, ancien, amer*.
2. Translate into English the words *sain, saint, ceint, cinq, le sein* and *le seing*.
3. When are the final letters of *cinq, six, sept, huit, neuf, dix*, sounded, and when not ?
4. Give the principal parts of *acquerir, savoir, naître, connaître, tenir, suivre*, and *vivre..*
5. When may *en* and when may *a* be used before names of places ?
6. What position does the adverb take in French (1) with simple tenses, (2) with compound tenses ?
7. Distinguish between *chaque* and *chacun*. Give examples of their use.
8. Translate the words *du* and *dû*; *sur* and *sûr*;

des, dès and *les dés*; *cru* and *crû*; and *mur* and *mûr*.

9. When are personal pronouns used as subjects placed after the verb?

Translate into French :

- (a) Alexander gave to Porus a kingdom larger than the one he had before.
- (b) Socrates passed the last day of his life in discoursing on the immortality of the soul.
- (c) We tell him the truth, but he will not believe us.
- (d) Write injuries upon sand, and benefits on brass.
- (e) It was at the entrance of Edward the Third into Calais, in 1347, that the drum was heard to beat for the first time.

II.

Translate into English :

La situation de Hoche devint alors très-pénible. La paix dictée en quelque sorte par les insurgés et par Cormatin, représentant de l'agence royaliste en Bretagne et en Vendée, donna au parti qui voulait continuer l'insurrection et la guerre une confiance exagérée en ses forces. . “Il n'y eut pas, écrivait alors l'adjutant général Savary, un seul insurgé des deux côtés de la Loire, qui ne s'imaginât avoir fait grâce à la République.” Une telle présomption engendra le mépris pour les autorités républicaines et pour les forces du gouvernement, et de graves excès furent commis en beaucoup d'endroits avec l'audace que donne la certitude de l'impunité.

Lazare Hoche, page 61.

1. Parse *devint, écrivait, s'imaginât, commis*.
2. *Beaucoup*. After what words is *de* used without the article?
3. *Alors, seul, tel*. Give the derivation.
4. *S'imaginer*. Write out fully a compound tense of this verb.

Translate into French :

The danger indeed was imminent. The disaster of Quiberon had not discouraged the English government. A new squadron sailed towards the coast of France in the last days of September: it bore two thousand foot-soldiers, five hundred cavalry-men fully equipped, arms, munitions, provisions for a numerous army, and lastly the prince so long expected, the Count d' Artois, brother of Louis the Sixteenth, and who became King Charles the Tenth.

GERMAN.

1. Write out fully the declension of *Der Mann, Ein guter Mann, Der gute Mann.*
2. State the case (or cases) governed by each of the following prepositions : *aus, mit, zu, durch, für, ohne, wegen, auf, über, von, nach, um, während.*
3. (a) In a *compound substantive* what is the gender ? Which component is invariable ? Decline *Kaufmann* fully. (b) Show the difference between *der See* and *die See* ; *der Thor* and *das Thor* ; *Fürst* and *Prinz* ; *Wand* and *Mauer* ; *Platz* and *Ort*.
4. Give the meaning, gender, and genitive singular of *Herz, Soldat, Nachricht, Kaiser, König, Frosch, Knabe, Straße, Dorf, Freundschaft, Kunst, Bäumchen, Reichthum*. State also to which declension these nouns belong.
5. (a) Give the degrees of comparison of *alt, stark, kurz, hoch, gut, viel, klar, stolz*. (b) Explain when *der reichste* is used in the superlative, and when *am reichsten*.
6. Give the principal parts of *sprechen, denken, sterben, nehmen, geben, singen, leiden, schreiben*.
7. (a) Distinguish between strong and weak verbs. (b) What auxiliary is used in German to form the passive voice ?

III.

Translate into English :

(a) Da hört man auf den Stufen,
Auf einmal eine Stimme rufen ;
„Sieh da, sieh da, Timotheus,
Die Kraniche des Ibykus !“—
Und finster plötzlich wird der Himmel,
Und über dem Theater hin
Sieht man in schwärzlichem Gewimmel
Ein Kranichheer vorüberziehn.
Die Kraniche des Ibykus.

(b) Die Antwort bringt er seinem Herrn
In schnellem Lauf zurück.
Als der ihn kommen sieht von fern,
Raum traut er seinem Blick :
„Unglüdlicher ! wo kommst du her !“—
„Vom Eisenhammer.“— „Nimmermehr !
So hast du dich im Lauf verspätet ?“
„Herr, nur so lang, bis ich gebetet.“
Denn, als von eurem Angesicht
Ich heute ging, verzeiht !
Da fragt' ich erst, nach meiner Pflicht,
Bei der, die mir gebeut.
Die Messe, Herr, befahl sie mir
Zu hören ; gern gehocht' ich ihr
Und sprach der Rosenkränze viere
Für euer Heil und für das ihre.“

1. **Die Antwort.** To what rule for gender is this an exception?
2. **Wo . . . her.** Explain the difference between *her* and *hin*.
3. For what are *vom* and *im* contractions?
4. Parse : *ging*, *befahl*.

5. For what does *gebeut* stand? Supply the omitted auxiliary.
6. Translate into German: I am staying at home because of the rain. Yesterday, I found a book in the street. We have had the good fortune to have a faithful friend. The poet Schiller died in the year 1805. Old people, young men and women, and little children, walked in the beautiful garden of our kind friend.

PASS EXAMINATION.

JUNIOR LATIN.

FIRST PAPER.

1. State cases governed by *fungor*, *celo*, *dono*, *rogo*, *impero*, *vescor*, *coram*, *penes*, *propter*, *cupidus*, *patiens*, *præditus*, *similis*.
2. Conjugate the verbs to which the following participles belong : *electus*, *fissus*, *repertus*, *expertus*, *orsus*, *nactus*, *mensus*, *confisus*, *dilectus*, *lotus*.
3. Mention the various ways of expressing purpose in Latin, and translate to illustrate the rule :
He sent cavalry to help the Veneti.
4. (a) Give rules for changing the construction from Direct to Oblique Narration. Illustrate.
(b) State Madvig's rule for questions in the second person.
5. (a) In what mood are clauses dependent on (1) acc. with infinitive, (2) a previous subjunctive ? Explain and illustrate.
(b) What exceptions are there to the Law of Dependence in Mood ?
6. State the rule for “*price*” and “*place whither*.”
Translate : He sent an army to Carthage, in Africa.
He sold the slave for three talents.
He values him more every day.
7. Translate in various ways and explain the form of the subordinate clause in the following sentences :

On hearing this, Cæsar departed from Rome.
After Octavius conquers his enemies, I will
visit Athens.

All things rejoice on the return of Spring.

8. Mention the construction after the conjunctions *quum*, *ubi*, *postquam*, *priusquam*, *dum*, *quamvis*, *quamquam*, *utinam*, *tanquam*, *quando*, *dummodo* and *quia*.

II.

Translate into Latin :

1. Theophrastus is said to have accused Nature, because she had given a long life to crows, and so short a life to men.

2. If death were feared, Brutus would not have fallen in battle and the Decii would not have exposed themselves to the weapons of the enemy.

3. Let us consider, first, whether the universe is governed by the foresight of the gods ; secondly, whether they provide for the welfare of man.

4. After Pompey had learned what had been done at Corfinium, he set out with two legions for Luceria and in five days arrived at Brundisium.

5. Do you suppose that men who are said to predict the future can tell you whether the moon uses her own light or that of the sun ?

SECOND PAPER.

I.

1. Translate :

O fons Bandusiæ, . . . Lymphæ desiliunt tuæ.

[Horace, Odes III. 13.

2. Parse *donaberis*, *tangere*, *fies*, *desiliunt*.
3. Account for the case of *mero*, *hædo*, *fontium*.
4. Write notes on *Bandusiae*—*mero*—*Caniculæ*.
5. Mention some of the *nobiles fontes*.
6. Give the scansion of the Ode.

II.

1. Translate :

Consilio etiam unius . . . lenitum sit.

[Livy I. 16.

2. Mention the construction of *civitate*, *posse*, *fidei* and *fuerit*.
3. Distinguish between *ait* and *inquit*—*contio*, *con-silium*, *concilium*.
4. Substitute a finite clause for *locutus*.
5. Throw into *oratio obliqua* from *Romulus* to *abiit*.

III.

Translate at sight :

Nam reges Syriae, regis Antiochi filios, scitis Romae nuper fuisse; qui venerant non propter Syriae regnum,—nam id sine controversia obtinebant ut a patre et a maioribus acceperant,—sed regnum Egypti ad se et ad Selenen matrem suam pertinere arbitrabantur. Hi ipsi, posteaquam per senatum agere quae voluerant non potuerunt, in Syriam, in regnum patrium profecti sunt. Eorum alter, qui Antiochus vocatur, iter per Siciliam facere voluit. itaque isto praetore, venit Syracusas.

JUNIOR GREEK.

FIRST PAPER.

1. Decline *δστοῦν*, *τεῖχος* and *πόλις* and explain the contractions.
2. Compare *μέλας*, *ἐλαχύς*, *φίλος*, *σοφῶς*, *μάλα* and *ἀληθῶς*.

3. Mention the positions of a genitive dependent on a substantive having the article, and state which of these are partitive. Illustrate.
4. State the attributive and predicate positions of the adjective and the position of the demonstratives. Illustrate.
5. Distinguish between $\mu\eta\ \chi\lambda\acute{e}\psi\eta\varsigma$ and $\mu\eta\ \chi\lambda\acute{e}\pi\tau\epsilon$.
6. Give the forms of the Hypothetical sentence with Latin and English equivalents. State what apodosis may be used indiscriminately with all conditional clauses and the words to which $\delta\nu$ generally attaches itself in the apodosis.
7. Mention the direct interrogative particles employed in single and double questions. Illustrate.
8. Mention the Atonics, Enclitics and words which suffer Anastrophe.
9. Translate with accents into Greek :
 - (a) Do you not wish to go and see the generals with the hoplites march through the city to the strong bridge on the river ?
 - (b) This man came to the King and said that Klearchos was collecting a Grecian host with the money which Cyrus had given him.
 - (c) The bridge was destroyed by the enemy. Xenophon however ordered the soldiers to cross ; and no one of those who crossed was wet higher than his breast.
 - (d) The rest of the targeteers followed the general, when the sacrifice had been made and the soothsayer had announced a battle favorable to the Greeks.

SECOND PAPER.

1. Translate : Xen. Anab. Bk. VII., c. 3, § 1, 2.
2. Parse *λαβόντες*, *πέμψασιν*, *ἔσσαι*.
3. Distinguish between *πρός*, *ώς*, *ἐν*, *εἰς*, — *ἐκ*, *ἀπό*.
4. Trace the movements of the Greeks after leaving Byzantium.

II.

1. Translate : Eur. Alc. vv. 615—624.
2. Parse *προῦθανε*, *ἔθηκεν*, *τλᾶσα*.
3. What place did the Alcestis occupy in the tetralogy to which it belongs ? What example of the Satyric play is still extant ?
4. Translate vv. 962—972.
5. To what branch of his studies does Euripides allude when he says *μετάρσιος ἥξα* ?
6. What dialects and worships do we find combined in Greek Tragedy ?
7. Describe the theatre of Athens and the general features of a Greek dramatic representation. State the situation of the theatre. Mention the number of the chorus in tragedy and comedy respectively, and explain the terms *θυμέλη*, *σκηνή*, *προσκήνιον*, *πάροδος*, *λογεῖον*, *βροντεῖον*, *χαρώνιος* *χλίμακες*, *κατὰ ζυγά* and *κατὰ στοίχους*.

III.

Translate at sight : Xen. Anab. Bk. IV., c. 3, § 1, 2.

SENIOR LATIN.

FIRST PAPER.

I.

Translate :

Ubi est septiens . . . aequum dixit videri.

[Cicero, Philippic II, ch. 39.]

1. Parse *desisti, emebantur, abstulerat, mortuus.*
2. Write notes on *septiens miliens, ad Opis, Idibus Martis, Deiotarus.*
3. Explain the syntax of *pecuniae, posset (continere.)*
4. *Aequi, boni.* What figure?
5. Give some account of the Roman Comitia.

II.

Translate :

Deinde eo dormitum . . . patruusque fuisset.
[Horace, Satires, Bk. I, vi., 119—131.]

1. Parse *surgendum, iaceo, iuven, lavatum, solutorum, victurum.*
2. *Obeundus Marysa.* Explain.
3. *Non quo.* Supply the ellipse.
4. *Ire.* Give the prose construction.
5. “*Satira tota nostra est.*” Translate and explain.

SECOND PAPER.

I.

Translate :

Pisonem interim apud Coum . . . amor praevaleret.
Tacitus, Annals, B. II, ch. 75.

1. Parse *ablatam, censebat, pertimescenda, infixus.*
2. Explain the syntax of *excessisse, cultu, repeteret, consultanti, odio.*
3. *Quid agendum.* Supply the ellipse.
4. Turn into *oratio recta* from *discordiam* to the end of the extract.
5. Give some account of the life of Tacitus.

II.

Translate at sight :

Hannibali victori quum cæteri circumfusi gratularentur suaderentque, ut tanto perfunctus bello diei quod reliquum esset noctisque insequentis quietem et ipse sibi sumeret et fessis daret militibus, Mahabal præfector equitum minime cessandum ratus "Immo ut, quid hac pugna sit actum, scias, die quinto" inquit "victor in Capitolio epulaberis. Sequere: cum equite, ut prius venisse quam venturum sciant, præcedam." Hannibali nimis læta res est visa majorque quam ut eam statim capere animo posset; itaque voluntatem se laudare Maharbali ait, ad consilium pensandum temporis opus esse. Tum Mahabal: "Non omnia nimirum eidem di dedere: vincere scis, Hannibal, victoria uti nescis." Mora ejus diei satis creditur saluti fuisse urbi atque imperio.

[Livy.

THIRD PAPER.

I.

1. State and illustrate the construction after verbs of *doubting* and *hindering*.
2. What limitation to the use of the ablative after a comparative? Illustrate.

Translate: (a) He is too proud to be a slave.
(b) The more, the better.

3. What substitutes for the Pf. Pt. Act. in Latin?

Translate: After hearing the ambassador, the magistrate convened an assembly of the people.

4. State the rule for the Passive construction of verbs that govern a dative.

Translate: We should all consult the best interests of the country.

5. Exhibit by examples the regular forms of the conditional sentence in *oratio obliqua*.

6. Illustrate the construction of *refert*, *opus est*, *oporet*, *taedet*, *dono*.

II.

Translate into Latin :

(a) Have you heard that he intended to start upon the following day for Thebes ?

(b) Oh ! that they had never gone forth to meet the enemy. All would now have been alive.

(c) Wait till he returns, and then let me know what his intentions are.

(d) From the 25th of March to the 5th of May is forty-one days, and during all these days we have been unable to learn anything of him.

(e) All good citizens, he said, had rejoiced at the assassination of the tyrant and the liberation of their country.

III.

Translate into Latin :

When Priene, the birth-place of Bias, one of the Seven Wise Men of Greece, was taken by assault, some of the citizens at once got together their most valuable effects and prepared to leave the city. One of their number, observing the philosopher joining them empty-handed, advised him to carry as much of his property with him as he could. "My property," he replied, "I always carry with me." By this answer the philosopher meant to imply that to the wise man wisdom is the only real wealth.

SENIOR GREEK.

FIRST PAPER.

I.

Translate :

ἀλλ᾽ αὐτό μοι σὺ, δφειλέτης ἔτι.

[Sophocles, Ajax., vv.. 574—590.

1. Parse *τεθάψεται, δέχου, πάκτου, θᾶσσον, τομῶντι, τεθηγμένη, δρασείεις.*
2. Derive *ἐπώνυμον, πολυρράφου, ἐπτάβοιον, ἀρρητον, φιλοίκτιστον, δφειλέτης.*
3. Explain the construction of *μοι, ως τάχος, μὴ προδοὺς ήμᾶς γένη, ἀρκεῖν.*
4. *Μὴ χρῖνε, μὴ ἔξεταζε.* Give the corresponding aorist forms.
5. Trace the rise of Greek Tragedy to the time of Aeschylus.

II.

Translate :

καίτοι τί δήποτε, ἀόριστα ἀπαντα.

[Demosthenes, Philippic I., p. 50.]

1. Parse *λάχωσιν, ἐπιμελούμενοι, τέτακται, ήμέληται.*
2. Write notes on *Παναθηναίων, χορηγὸς.*
3. Explain the case of *Χρόνου, καιρῶν, νόμων.*
4. Sketch briefly the career of Philip of Macedon down to the delivery of the First Philippic.

SECOND PAPER.

I.

Translate :

Τοιαῦτα δὲ ο ἥλθε κινδύνου.

[Thucydides, B. III., ch. 49.]

1. Parse *ρηθεισῶν, φθασάσης, εῦρωσι, διεφθαρμένην, ὑποσχομένων, πεφυραμένα, γῆροῦντο, ἐναντιωθέντος, ἀνεγνωκέναι.*
2. Derive *ἀντιπάλων, χειροτονια, ἀγχώμαλοι, φήφισμα*
3. Explain the syntax of *πρέσβεων, μὴ διαφθεῖραι, κινδύνου.*
4. Describe briefly the constitution, functions and

relation to each other of the Athenian Boule and Ecclesia.

II.

Translate at sight :

ἐκ τούτου λέγει τάδε Ξενοφῶν. Ἀλλὰ ταῦτα μὲν δὴ πάντες ἐπιστάμεθα δτι βασιλεὺς καὶ Τισσαφέρνης οὓς μὲν ἔδυνήθησαν συνειλήφασιν ἡμῶν, τοῖς δὲ ἄλλοις δῆλον δτι ἐπιβουλεύουσιν, ὡς ἦν δύνωνται ἀπολέσωσιν. ἡμῖν δέ γε οἵμαι πάντα ποιητέα ὡς μήποτε ἐπὶ τοῖς βαρβάροις γενώμεθα, ἀλλὰ μᾶλλον ἔκεινοι ἐφ' ἡμῖν. εὖ τοίνυν ἐπίστασθε δτι ὑμεῖς τοσοῦτοι ὄντες ὅσοι νῦν συνεληλύθατε μέγιστον ἔχετε καιρόν. οἱ γὰρ στρατιῶται οὐτοι πάντες πρὸς ὑμᾶς βλέπουσι, καὶ μὲν ὑμᾶς ὄρῶσιν ἀθύμοῦντας, πάντες κακοὶ ἔσονται, ἦν δὲ ὑμεῖς αὐτοὶ τε παρασκευαζόμενοι φανεροὶ ἦτε ἐπὶ τοὺς πολεμίους καὶ τοὺς ἄλλους παρακαλῆτε, εὖ ἴστε δτι ἔψονται ὑμῖν καὶ πειράσονται μιμεῖσθαι.

[Xenophon, Anabasis.

THIRD PAPER.

I.

1. Give the principal parts of *ὅλλυμι*, *ἀγνυμι*, *πίπτω*, *στέλλω*, *αἰσθάνομαι*.
2. State and illustrate the more common uses of the Dative case.
3. Show by examples the regular forms of the hypothetical sentence in *oratio obliqua*.
4. Collect and illustrate the chief uses of *μή*.
5. Give rules for the use of *μή οὐ* and *οὐ μή*.
6. Mention the common interrogative forms, direct and indirect.

II.

Translate into Greek :

higher desires held by Kant to be admissible ? Examine his view.

8. State and criticise Hedonism in its two forms.
9. How does Kant seek to reconcile human freedom with the supremacy of the Divine Causality ?
10. State the main points in the *Kritik of Judgment*. Add remarks.

LOGIC.

1. Why must the major premise of the fourth figure not be *O* ?
2. If the major premise of the first figure were *I*, what fallacy would be committed ?
3. Show that the moods *EAO* and *EIO* are true in all the four figures.
4. Reduce *Felapton* to the second figure.
5. Arrange the terms *Christian*, *animal*, *Episcopalian*, *organized*, *man*, (1) in the order of extension, (2) in the order of comprehension.
6. Apply Boole's system of inference to prove these syllogisms :

$$\begin{array}{ll} (1) \text{ No } x \text{ is } y & (2) \text{ All } x \text{ is } y \\ \text{All } z \text{ is } y & \text{No } z \text{ is } y \\ \therefore \text{No } z \text{ is } x & \therefore \text{No } z \text{ is } x \end{array}$$

7. Why is a single instance sometimes sufficient to warrant a universal conclusion ?
8. Explain Mill's first three Canons of Induction.

POLITICAL ECONOMY.

1. What part of the wealth of a country is to be classed as Capital ?

2. Show that the great agents in production are mutually dependent. Examine the view that nature gives more assistance to agriculture than to other industries.
3. State the law of the growth of capital, referring to two conditioning groups of causes. How may the interference of government retard that growth ?
4. What would be the effect on rent if real wages were doubled while gross returns remained at a stand-still ?
5. Trace fully the influence on wages, supposing capital to be doubled and population to be stationary.
6. *A* sells an article of which he has the monopoly, *B* an article under strong competition : what will determine the value in exchange in the respective cases ?
7. What is the effect on home and foreign trade respectively of the use of substitutes for metallic currency ?
8. What different measures may a government take for the protection of native industries ?
9. Examine into the effects of a drawback, say on exported sugar, in relation to the refiner, the home consumer and the foreign consumer.
10. A country produces more than it consumes of a certain article : what will be the effect of an import duty of 25 per cent. *ad valorem* ?

RHETORIC AND ENGLISH LANGUAGE.

FIRST PAPER.

1. What foreign elements have affected the Eng-

lish Language, and to what extent in each case ?

2. What is necessary to the true expression of Grammatical gender, and to what expedients has the English Language had recourse in order to express Grammatical gender ?
3. What advantages has an inflected language over an uninflected ? Illustrate the growth of inflections and give examples from nouns and verbs.
4. Exemplify Grimm's laws by words having in Greek θ , β , χ .
5. Explain the words *let* and *do* in the following sentences, and give their derivation :

To *let* a weary wretch from her due rest,
And trouble dying souls tranquillity.

(Faerie Queen).

Here *let* me sit and hold high converse with the mighty dead.

A jest with a sad brow will *do* with a fellow
Who never had an ache.

(Shakespeare).

Whatsoever thy hand findeth to *do*, *do* it with thy might.

6. Give examples of Antithesis, Epigram, and of each form of Synechdoche.
7. Point out the figures of Rhetoric in the following passages :

Night's candles are burnt out, and jocund day
Stands tiptoe on the misty mountain tops.

(Shakespeare).

She never told her love ;
But let concealment, like a worm i' the bud,
Feed on her damask cheek : she pin'd in thought ;
And with a green and yellow melancholy,
She sat like Patience on a monument,
Smiling at Grief.

(Shakespeare).

Here is a letter, lady,
And every word in it a gaping wound
Issuing life blood. (Shakespeare).

Up rose the sun and up rose Emilie. (Chaucer).

Seven Grecian cities strove for Homer dead.
Through which the living Homer begged his bread.

Contrasted faults through all his manners reign,
Though poor, luxurious ; though submissive, vain ;
Though grave, yet trifling ; zealous, yet untrue ;
And e'en in penance planning sins anew.

SECOND PAPER.

8. Write an Essay on either of the following subjects :

(1) Chaucer, his life and works.
(2) The comparative advantages of a plain and of a figurative style.

ENGLISH LITERATURE.

1. Define poetry. Give Wordsworth's conditions of true poetry ; and state also Coleridge's contrast. What is the proper antithesis of prose ?
2. State the different kinds of poetry, and mention at least two poems of each class.
3. Compare the literature of the 17th century—the period of the Stuarts—with the literature of the 18th century. State distinctly the peculiar features of each period.
4. Compare Dryden's poetry with Pope's, and especially Dryden's Aeneid with Pope's Homer.
5. Point out the characteristics of the Novelists of the 18th century, distinguishing them, each from the others, and also from the Novelists of the 19th century.
6. Name the three leading historians of last century ; mention their works, and state the distinguishing features of their writings.

7. Name the several series of periodical Essays, with the principal contributors, and compare Addison's style with Johnson's.

SECOND PAPER.

Write an essay on either of the following subjects.

(1) A critical review of Swift's life and writings.
(2) The connection between music and versification.

HISTORY.

FIRST PAPER.

Answer any nine of the following questions.

1. State the position which the Pelasgians held in Greece and Italy respectively.
2. Compare the idea of a State in Greece and in Italy.
3. In the life of the nations of antiquity there is a prehistoric period which is mythological. What facts may be deduced regarding that period ?
4. To which of the tribes—Pelasgic, Doric, or Hellenic, did the Ionians belong ? What was the general situation of the Ionic Settlements ?
5. What occasioned the Persian wars ? What was their effect on Greece ?
6. What was the nature of the duties levied by the Greek States ?
7. What was the character of the Athenian Courts, and the form of judicial procedure ?
8. What was the cause of the Peloponnesian war, and what were its effects on Greece generally, and especially on Athens, and Sparta.

9. Explain the Mark system, and exemplify the rise of village communities in Italy.
10. Explain the classification of the Roman people and the constitution which was based on this classification.
11. What change was affected by the Servian constitution ?
12. Describe the state of affairs which called for the Lucino-Sextian laws.
13. Give an account of the several Comitia.
14. What was the character of the Sullan constitution ?
15. Which party in the State did Cæsar represent ?

SECOND PAPER.

Answer any eight of the following questions.

1. What were the internal causes of the weakness of Rome ?
2. Why did the Provinces present so little opposition to the invasion of the Goths ?
3. What was the state of the Municipia at the different periods of their history ? What were the relations of the Christian Church to the Municipia ?
4. The institutions as well as the language of France are of Roman origin, those of England Anglo-Saxon ; yet the Franks and English were alike Teutonic. Explain the causes of this difference.
5. What were the effects of the crusades on Europe, especially on France ?
6. Explain the growth of the French Monarchy—Territorially, Judicially and Politically.

7. What were Edward III.'s claims to the French Crown ? What were the terms of the treaty of Bretigny ?
8. The Gallican Church enjoyed independence—Internal, Judicial and Financial. Explain the encroachments of the crown on this independence.
9. What was the occasion of the removal of the Papacy to Avignon ?
10. State the principles which form the basis of the British Constitution.
11. When was the House of Commons formed ? When did the Houses first meet separately ?
12. What was the earlier form of election ? Who were the electors ? When was a monied qualification required ?
13. What were the terms of the Bill of Rights ?
14. Before the Reform of 1832, what was the condition of representative government in England ?

JUNIOR FRENCH.

FIRST PAPER.

I.

1. Distinguis *il vient acheter*—*il vient à acheter*—*il vient d' acheter*.
2. Mention some particulars about the use of possessive pronouns.

Translate :—Cousin, will you go with me ? He is a friend of mine.

3. How are *more than*, *less than*, and *nearly* before numbers, translated ?

4. Under what circumstances are the disjunctive pronouns used ?
5. What is the French corresponding to *he who* ?
Translate :—They who are discontented are unhappy.
6. Distinguish between *Plutôt, plus tôt—l'autre jour, le lendemain, lendemain—devant, avant—dans, en—entre, parmi*.
7. Distinguish between *quand* and *lorsque*.
8. Translate and explain the use of the article in the following sentences :
Are you the mother of these children ? Yes,
I am.
Are these ladies married ? Yes, they are.
9. How is the negative used (1) with the verb,
(2) with other words ?
Translate :—He loves not virtue, but power.
His courage, and not his pride.

II.

Translate at sight :

Je sortis, et me promenai toute la matinée dans la ville en songeant sans cesse à la réception que mon oncle me ferait. Je crois, disais-je en moi-même, qu'il sera ravi de me voir. Je jugeais de ses sentiments par les miens, et je me préparais à une reconnaissance fort touchante. Je retournai chez lui en diligence à l'heure qu'on m'avait marquée. Vous arrivez à propos, me dit son valet, mon maître va bientôt sortir. Attendez ici un instant, je vais vous annoncer. A ces mots, il me laissa dans l'antichambre. Il y revint un moment après, et me fit entrer dans la chambre de son maître, dont le visage me frappa d'abord par un air de famille. Il me sembla que c'était mon oncle Thomas, tant ils se ressemblaient tous deux. Je le saluai avec un profond respect, et lui dis que j'étais fils de maître Nicolas ; je lui appris aussi que j'exerçais à Madrid, depuis trois semaines, le métier de mon père en qualité de garçon, et que j'avais dessein de faire le tour de l'Espagne pour me perfectionner.

SECOND PAPER.

I.

1. Translate :

Mais l'envie, de son lieutenant.
[Lamaatine, Christophe Colomb.

2. Parse *naît*, *feignit*, *disparut*, *découverte*, *aperçu*.
3. Give derivation of *lieutenant*, *dont*, *autre*, *chef*, *jour*.
4. State the difference between *des* and *dès—près*, *prêt* and *prés—la*, *là—ou*, *ou—de*, *dé*.

II.

Translate into French :

He turned back from the gulf of Para and saw again, after toilsome investigations of all the these seas, the shore of Hispaniola. His mental and bodily troubles, his long suffering in Spain, the ingratitude of his fellow-countrymen, the coldness of Ferdinand, the hatred of his ministers, the nights of watching during the voyages and the infirmities of age had broken him more than the waves ; his eyes irritated by sleepless nights and by the contemplation of charts and of the sky, were inflamed ; his limbs stiffened and tortured by the gout refused to bear him. His soul alone was strong and his spirit piercing into the future, transported him in thought above his sufferings and beyond time. His brother who had continued to govern the colony in his absence, was still his consoler and his support. He ran to meet the admiral as soon as his lookouts signalled sails on the sea.

SENIOR FRENCH.

1. Translate into English :

Le gouverneur de la Bastille, nommé Louvière, fils de M. de Broussel, me manda que, pourvu qu'il eût un ordre de Monsieur par écrit, il était à lui, et qu'il ferait tout ce que l'on lui commanderait. Je priai le comte de Béthune de le dire à Monsieur, lequel le lui envoya par M. le prince de Guéméné. L'abbé d'Effiat, qui m'était venu voir comme beaucoup d'autres, voyant qu'il était tard et que je n'avais pas diné, jugea bien, par la hâte dont j'étais sortie de mon logis et par l'heure, que j'en avais point mangé et que j'en avais besoin, et même que je ne m'en aviserais point, ayant bien d'autres choses dans la tête. Il m'en offrit : son logis étant tout proche, je l'acceptai, et il m'en fit

apporter très promptement et fort à propos : car j'avais, bien faim. Madame de Châtillon dina avec moi ; elle faisait des mines les plus ridicules du monde, et dont l'on se serait bien moqué, si l'on avait été en humeur de cela.

2. Explain the anomaly in *le nymphaea alba*.
3. Why is the article used with *Monsieur* and not with *Monseigneur* ?
4. Enumerate the causes which contributed to the speedy adoption by the Keltic inhabitants of Gaul of the language of their Roman conquerors.
5. Account for the predominance of the Ile de France dialect over the other dialects of France.
6. Mention the date and circumstances and show the importance of the Strasburg Oaths.
7. Mention the leading periods into which the History of the French Language may be divided and state what influence prevailed in each.
8. Show the importance of the Tonic accent and distinguish between words of *popular* and those of *learned* formation.
9. Give a scheme of the French consonants and lay down rules for the changes undergone by a word in its transfer from Latin to French.

Translate into French :

The Druidic religion had, if not instituted, at least adopted and maintained human sacrifices. The priests pierced the victim above the diaphragm, and drew their prognostics from the shape into which it fell, from the contortions of its limbs, from the quantity and color of its blood ; sometimes they crucified it on posts in the interior of the temples, or showered on it a multitude of arrows and darts. They often likewise erected a colossus of osier or of hay, filled it with living men, a priest applied a lighted torch thereto, and all soon vanished in billows of smoke and flame.

One word about the hierarchy. It comprised three distinct orders. The lowest order was that of the bards ; then came the priesthood proper, composed of the ovates and the druids.

The druids or men of the oak were the crown of the hierarchy. In them resided power and science. The order of the druids was elective. Their initiation lasted sometimes twenty years: it was necessary to learn by heart all the sacredotal science; for they wrote nothing at least until the period when they were able to avail themselves of the Greek characters.

JUNIOR GERMAN.

FIRST PAPER.

I.

1. Give the gender and meaning, the gen. singular and nom. plural of *Hügel*, *Fluß*, *Geist*, *Thor*, *Löwe*, *Band*, *Wort*, and *Gesicht* with the definite article prefixed to each.
2. Translate and decline *the highest house, our nearest neighbor, clear water, the beautiful garden*.
3. What cases do the following prepositions govern: *vor, von, mit, wegen, an, ohne, um, zwischen*?
4. Mention the prefixes which are sometimes *separable* and sometimes *inseparable*. What difference is there in conjugation and signification between the separable and inseparable verb, when the same prefix is used? Illustrate.
5. Render *there is in* two ways. What difference is there in sense and construction?
6. What auxiliaries are taken by reflexives, impersonals, and verbs of motion respectively? Illustrate.
7. What difference is there between *da* and *seitdem* both meaning *since*?
8. What kind of agency is expressed by *von* and *durch* respectively after a passive verb?
9. How many elements of the sentence may pre-

cede the verb in a leading clause ? When is the auxiliary in a subordinate transposed sentence placed not at the end but earlier in the sentence ?

II.

Translate into German :

I know not why I am so sad. A tale of the olden times never leaves my memory. The sun is setting, the air is cool, and the darkness of night is coming on. The Rhine flows gently past my feet, and the glow of evening illumines the summit of the mountain. Up there sits the most beautiful maiden, and as she combs with a golden comb her streaming golden hair, she sings a song of wondrous and mighty melody. When the sailor in his little ship hears this song, wild pain seizes him ; he no longer sees the rocky reefs, he looks up only at the height. If I am not mistaken the waves will at last engulf both boat and sailor, and the Lorelei, the beautiful maiden who is singing up there, will have done this awful deed.

SECOND PAPER.

I.

i. Translate :

Es reden und träumen die Menschen viel
Von besser'n künftigen Tagen ;
Nach einem glücklichen goldenen Ziel
Sieht man sie rennen und jagen.
Die Welt mird alt und wird wieder jung,
Doch der Mensch hofft immer Verbesserung.

Die Hoffnung führt ihn in's Leben ein,
Sie umflattert den fröhlichen Knaben,
Den Jüngling begeistert ihr Zauberschein,
Sie wird mit dem Greis nicht begraben ;
Denn beschließt er im Grabe den müden Lauf,
Noch am Grabe pflanzt er die Hoffnung auf.

Es ist kein leerer, schmeichelnder Wahnsinn,
Erzeugt im Gehirne des Thoren ;
Im Herzen kündet es laut sich an :
Zu was Besserm sind wir geboren.

Und was die innere Stimme spricht,
Das täuscht die hoffende Seele nicht.

[Schiller.]

2. Give gender and plural of *Ziel*, *Welt*, *Schein*, *Grab*, *Lauf*, *Gehirn*.
3. Comp. *alt*, *jung*.
4. What are the three uses of *Werden*?
5. Give the principal parts of *sehen*, *rennen*, *begeistern*, *ankündigen*, *sprechen*.

II.

1. Translate :

Sie hatten, weil das kleine Land kein großes Heer halten konnte, immer nur einen Theil der jungen Mannschaft in den Waffen geübt und bald wieder in die Heimath entlassen, und neue berufen, und wieder entlassen. Es war vor allen der ausgezeichnete General Scharnhorst, der, auf des Königs volles Vertrauen gestützt, klug und geräuschlos diese Vorbereitungen getroffen, auch in der Stille für Waffenvorräthe gesorgt hatte, und auf dessen Rath jetzt der König die Bewaffnung des gesammten preußischen Volkes anordnete, indem außer dem stehenden Heere auch die Landwehr und zur Vertheidigung des eigenen Heerdes der Landsturm errichtet wurden.

[Das Jahr 1813.]

2. With what English termination may *schäft* be compared. Of what gender and class are nouns formed by it?
3. What is the difference between *für etwas sorgen* and *um etwas sorgen*?
4. Give the derivation of *Landwehr* and its original meaning.
5. Mention the conjunctions which do not throw the verb to the end of the sentence.
6. Mention the order of gen., dat. and acc., and of adverbs of place, manner and time.

Translate at sight :

Draußen im Walde stand ein niedlicher kleiner Tannenbaum. Er hatte einen guten Platz ; Sonne konnte er bekommen, Luft war genug da, rings umher wuchsen viele größere Kameraden, sowohl Tannen als Fichten. Der kleine Tannenbaum wünschte aber so sehnlich, größer zu werden ! Er achtete nicht der warmen Sonne und der frischen Luft, er kümmerte sich nicht um die Bauernkinder, die da umhergingen und plauderten, wenn sie herausgekommen waren, um Erdbeeren und Himbeeren zu sammeln. Oft kamen sie mit einem ganzen Topf voll oder hatten Erdbeeren an einen Strohhalm gereiht ; dann setzten sie sich neben den kleinen Tannenbaum und sagten : „Nein ! wie niedlich klein ist der !“ Das mochte der Baum gar nicht hören.

[Andersen.]

SENIOR GERMAN.

Translate :

Weislingen. O daß ich aufwachte ! und das alles wäre ein Traum ! In Berlichingens Gewalt ! von dem ich mich kaum losgearbeitet hatte, dessen Andenken ich nied wie Feuer, den ich hoffte zu überwältigen ! Und er—der alte treuherzige Götz ! Heiliger Gott, was will, will aus dem allen werden ? Rückgeführt, Adelbert, in den Saal, wo wir als Buben unsere Jagd trieben—da du ihn liebtest, an ihm hingst wie an deiner Seele. Wer kann ihm nahen und ihn hassen ? Ach ! ich bin so ganz Nichts hier ! Glückselige Zeiten, ihr seid vorbei, da noch der alte Berlichingen hier am Kamin saß, da wir um ihn durch einander spielten, und uns liebten wie die Engel.—Wie wird sich der Bischof ängstigen, und meine Freunde ! Ich weiß, das ganze Land nimmt Theil an meinem Unfall. Was ift's ! Können sie mir geben, wornach ich strebe ?

[Göthe, Götz von Berlichingen.]

1. Give principal parts of meiden, treiben, hangen, wissen, trinken, sitzen.
2. What influence was at work moulding German man?
3. Distinguish Descriptive Grammar from Scientific Grammar.
4. Distinguish between a *language* and a *dialect*.
5. Describe umlaut and cite examples in German and English.
6. Into how many periods may German literature be divided? Mention the characteristics, limits, and ruling dialect of each period.
7. Describe the origin and development of the Minnegesang and give an account of the chief Minn妖nger and their works.
8. Trace the origin and development of the German drama and compare Lessing, Goethe and Schiller as dramatic poets.

Translate into German :

The moon rose in the East, and swam like a light boat in the reflection of the setting sun. The children showed it to their father. "How beautiful and delicate it is," said Albert, "it does not always look so." "It is in its childhood" replied the father. "It will grow with every day, and its light will increase until it shows its full orb to us. Perhaps clouds will cover it at times and it will hide its face. After some time it will decrease again and become smaller in order to become a perfect image of human life." "I do not understand what you mean," said Theodore. "O yes," rejoined Albert, "I know: man also shines a while over the earth, then he disappears and is hidden in the grave. And the clouds which cover the moon at times are misfortunes which occur to man; no life has yet passed away serene on the earth, each has had its sad days. But the clouds pass over the innocent and good man and the quiet of his soul remains undisturbed; and even when man disappears in the grave, he but shines in another region everlasting and unchangeable."

JUNIOR CHEMISTRY.

Arts Division.

FIRST PAPER.

1. Define the gramme, the metre, and the litre, and show their connection.
Show how the Fahrenheit and centigrade thermometric scales are related to each other.
2. Define the following terms, giving illustrative examples : (a) Acid—Base—Salt—Anhydride—Hydroxide. (b) Atomicity—Basity of acids—Allotropic—Isomorphous—Reducing—Oxidizing.
3. State clearly what is meant by the terms Combustion—Explosion—Specific Gravity—Vapour Density.
4. (a) Give two methods—in each case—for the preparation of Oxygen and Nitrogen, and one—in each case—for the preparation of Nitric Oxide and Nitric Acid, shewing the chemical changes by formulæ.
(b) Give the chief properties of the two last named compounds, including three different modes of action of Nitric Acid, explaining these by formulæ.
5. (a) Give in writing and by chemical formulæ the theory of the manufacture of Sulphuric Acid, and also a short sketch of the process as carried out on the large scale.
(b) Shew, by examples given, the analogy of the compounds of Sulphur and Oxygen to each other.
6. Give, in writing and by formulæ, the theory of Leblanc's process for the manufacture of Soda Ash ; also of the Ammonia-Soda process.

7. The coefficient of Expansion for gases is 0.003665 for $1^{\circ}\text{C}.$, (or a gas expands from 0° to $1^{\circ}\text{C}.$ by $\frac{1}{273}$ of its volume). What will be the change in volume of 150 C.C. of gas, if the temperature be raised from 20° to 75° F. and the pressure from 730 to 770 m.m. of mercury ?

SECOND PAPER.

1. Give in writing and by formulæ the theory of the Bleaching action of Chlorine, Chlorine Monoxide, and Bleaching Powder.
2. What is the difference between a "temporarily" and a "permanently" hard water ?

Give the theory of the softening of waters by Clark's process.

What is meant by the "weathering" of siliceous rocks ?

3. What is meant by saying that water boils ? What by the spheroidal state of water ?
4. Mention four of the chief ores of iron, giving their composition.

Give descriptions of the old and new methods of obtaining Iron from its ores, and the generally received theory of the blast furnace.

5. Show how Cast Iron, Steel, and Wrought Iron differ from each other. Give the Cementation and Bessemer processes for the manufacture of Steel—practice and theory.
6. Compare the Ferrous and Ferric with the Manganese and Manganic Salts. Name and give the formulæ of the various Oxides of Manganese, and show how their nature gradually changes with increase of Oxygen.

7. What is the action of Sulphuretted Hydrogen gas on Hydrochloric acid solutions of Cupric Sulphate, Arsenious Acid; Potassic Chromate, Ferric Chloride ? Give the answer both in writing and formulæ.
8. Give the theory, and a short sketch of the practice, of the preparation of Ethyl Alcohol and of Ether. State how these may be regarded as being constituted, and give reasons for such statement.

JUNIOR CHEMISTRY.

Medical Division.

1. Define the Gramme and the Litre. Show how the Fahrenheit and centigrade thermometric scales are related to each other.
2. Give two methods—in each case—for the preparation of Oxygen, Hydrogen, and Nitrogen, showing the chemical reactions by equations.
3. Define the following terms : Acid—Base—Salt Anhydride—Hydroxide. Give illustrative examples. What is meant by the Basicity of an acid ?
4. Charcoal acts as a deodorizer and disinfectant. To what is this due ? Describe carefully the various Zones of a flame. What is Firedamp, and why is it dangerous in coal mines ? Explain the “Davy” safety lamp.
5. What happens when you plunge into a jar of chlorine gas
 - (a) A lighted taper ?
 - (b) Finely divided copper ?

To what is the bleaching action of chlorine due ?

What are the relative bleaching powers of chlorine and chlorine monoxide?

6. What is the Arsenic of commerce? How would you detect the presence of Arsenic? Give Marsh's test.
7. Give in writing and by chemical equations the theory of the manufacture of Soda Ash (Na_2CO_3) by Leblanc's process.

How is Caustic Soda obtained from the carbonate?
8. What is meant by the term "destructive" as distinguished from "ordinary" distillation? What is the effect of heat on
 - (a) Ammonium Chloride?
 - (b) Ammonium Nitrate?
 - (c) Potassium Chlorate?
9. What do you mean by the term "Perfect Gas"? How many volumes of oxygen are required for the complete combustion of two volumes of sulphuretted hydrogen gas (H_2S), and what are the products of said complete combustion?
10. If a certain weight of nitrogen gas at 15°C . and 740 m.m. pressure measures 150 C.C., what will be its volume at 140°C . and 760 m.m. pressure?
11. How would you distinguish a Sulphite from a Thiosulphate, for example, the Sodium Salts, Na_2SO_3 and $\text{Na}_2\text{S}_2\text{O}_3$?
12. For what reason does a mixture of Nitric and Hydrochloric Acids—Aqua Regia—attack metals which are not affected by either acid separately? Give equation.

PRACTICAL CHEMISTRY.

Written Examination.

1. The metallic oxides are divided into certain well characterized groups. Give the special group tests which determine this division, and name the oxides of each group and give their formulæ.
2. Mention two characteristic reactions of each of the following bases—in solution as chlorides :
Potassium Oxide (K_2O)—Calcium Oxide (CaO)
—Ferric Oxide (Fe_2O_3)—Cupric Oxide (CuO).
3. How would you distinguish between
 - (a) Zinc and Magnesium Sulphates ?
 - (b) Lead and Mercuric Nitrates ?
4. Give as many as you can of the tests for Arsenic, including Marsh's test.
5. Give two characteristic tests for each of the following acids :
Sulphuric—Hydrochloric—Nitric—Oxalic—
Hydrosulphuric (Sulphuretted Hydrogen) —
Hydrocyanic.
6. You are given a (soluble) mixture containing Salts of Copper, Iron (Ferric) and Ammonium : How would you separate these three bases from one another ?
7. Give six characteristic blowpipe or dry reactions for different oxides (supposing you have in each case an easily decomposable salt of the metal). Two of these may be flame colours.

PRACTICAL CHEMISTRY.

Laboratory Examination.

In this examination there were given to each student, for detection, four solutions, each containing one acid and one base.

SENIOR CHEMISTRY.

1. Distinguish between isomerism, metamerism, polymerism and allotropism ; and explain why polymerism is so common in carbon chemistry and not in mineral chemistry.
2. Mention in each case three commercial substances obtained by the following operations, and describe one of them—
 - (a) Destructive distillation of wood.
 - (b) Destructive distillation of coal.
 - (c) Fermentation of sugar.
3. Illustrate theoretically the following changes, and state how they are practically effected :
 - (a) From tannic through gallic acid to pyrogallol.
 - (b) From hippuric through benzoic acid to benzene
 - (c) From benzene to phenylamine.
 - (d) From ethyl alcohol to chloral hydrate.
4. Show how the following substances are prepared, also give any synthetic sources :
Ether—Chloroform—Iodoform—Amyl Acetate—Formic Acid—Cyanogen—Potassic Sulphocyanate.
5. “ A molecule of any gas occupies two volumes.” Explain this statement.
6. Classify the fundamental forms of crystals, and illustrate the terms dimorphous and isomorphous.
What peculiar differences exist between Dextro- and Lævo-tartaric Acid ?

NATURAL SCIENCE.

FIRST PAPER.

1. Describe separately each of the organs of vegetation of any common plant.

2. Define the terms, *Protoplasm*, *Differentiation*, *Parenchyma*, *Cell*, *Aleurone*, *Epiphyte*, *Stoma*, *Placenta*.
3. How do you distinguish subterranean Stems from Roots ? Describe the different kinds of subterranean stems.
4. Describe the following modifications of the flower giving examples of each : (a) *Adnation*, (b) *Coalescence*, (c) *Augmentation*, (d) *Abortion*.
5. Describe the structure of an Endogenous stem. What are the differences between Endogenous and Exogenous plants ?
6. Describe all the arrangements you know for the fertilization of Entomophilous flowers,
7. Define the different kinds of Dehiscent Fruits.
8. Why do Botanists believe the different parts of a flower to be modified leaves ?

SECOND PAPER.

1. Describe carefully (1) an Amœba, (2) a Sponge ; then point out (1) the resemblances, (2) the differences between them.
2. Describe the skeleton of the human leg and foot.
3. Define the terms : *Ectoderm*, *Notorhord*, *Stone-canal*, *Ambulacral Plates*, *Adductor Muscle*, *Cephalothorax*.
4. Trace the progressive differentiation of the Digestive System through the different branches of the Invertebrata.
5. Describe the mode of formation of the different rocks derived from animals.
6. Define the terms : *Synclinal*, *Outcrop*, *Fault*, *Dyke*, *Dip*, *Conformable*, *Strike*.
7. Classify and briefly indicate the different modes of the mechanical action of water a geological agent.

HONOUR EXAMINATIONS.

MATHEMATICS.

FIRST PAPER.

1. Prove the following :
 - (a) A determinant is multiplied by a given number when every element of a row or a column is multiplied by that number.
 - (b) A determinant is not altered in value by adding to any column any multiple of any other column.
2. If $A_1, A_2 \dots, B_1, B_2 \dots$ be first minors, show that $\sum A_1 B_2 C_3 = (\sum a_1 b_2 c_3)^2$.
3. What particular form of a determinant is called a continuant ?

If $x(a_1 \dots a_n)$ denote a continuant in which b is unity, show that

$$x(a_1 \dots a_n) = a_1 x(a_2 \dots a_n) + x(a_3 \dots a_n).$$

and thence prove that

$$\frac{x(a_1 \dots a_n)}{x(a_2 \dots a_n)} = a_1 + \frac{1}{a_2} + \frac{1}{a_3} + \dots + \frac{1}{a_n}.$$

4. Find all the convergents to the fraction $\frac{341}{867}$ and distinguish the intermediate convergents.

Expand a root of $x^3 - 3x^2 + 2x - 3 = 0$ into a continued fraction.

5. Define a recurring series. What is its simplest form ?

Find an expression for the n^{th} term of the series $1 + 3x + 5x^2 + 11x^3 + \dots$

6. Develop the formula

$$S_n = nu_0 + \frac{n(n-1)}{1.2} \Delta + \frac{n(n-1)(n-2)}{1.2.3} \Delta^2 + \dots$$

7. What is meant by the inverse problem of interpolation ? Give briefly three methods for its solution.

If $u_1 = 3.01$, $u_2 = 4.77$, $u_3 = 6.02$ and $u_n = 5.00$ find n approximately.

8. Prove that

$$\Sigma_n \left\{ \frac{n}{(n+1)(n-2)} \right\} = \Sigma_{n+2} \left(\frac{1}{n} \right) - \frac{2n+3}{n+2}.$$

SECOND PAPER.

1. Show by La Grange's method that,

$$f(x+h) = f(x) + f'(x) \cdot \frac{h}{1} + f''(x) \cdot \frac{h^2}{1.2} + \dots$$

Express this theorem in the usual forms.

2. Investigate analytically the values of

$$d.\log_2 x, \text{ and } d.\sin x.$$

3. Find the values of the following :

$$\frac{d}{dx} (\epsilon^{ax} \cdot \sin rx), \quad \frac{d^n}{dx^n} (\log_\epsilon x).$$

4. Explain the theory of the method of evaluating indeterminate functions by the differential calculus ; and apply this method to find the value of $(1-x) \tan \frac{\pi x}{2}$ when $x=1$.

5. Under what particular circumstances is Taylor's theorem said to fail ?

6. A square prism is capped by a pyramid ; find the angle between the faces of the prism and pyramid when for a given surface the volume is a maximum.

7. Determine the asymptotes to the curve whose equation is $xy^2 - x^3 + 2a^2y = 0$ and find the angle at which they intersect.
8. If $r = f\theta$ denote the polar equation to a curve, determine the angle between a tangent and the datum line.
9. Show under what conditions curves which touch one another also cut one another or do not cut one another.
10. If $r = a(1 + \cos \theta)$ find the equation between P and r .

THIRD PAPER.

1. The equation to a curve is $y = (x - a)\sqrt{x - b}$ where $a > b$. Find its area between the limits $x = b$ and $x = a$.

Also, if the curve revolve about the axis of x , find the volume of the solid generated between the same limits.

Give a sketch of the curve denoted.

2. Explain how the following curves are generated : conchoid of Nicomedes—cycloid—equiangular spiral.
3. Develop one of the Gassian formulæ, viz.—
 $\sin \frac{1}{2}(A + B)\cos \frac{1}{2}C = \cos \frac{1}{2}(a - b)\cos \frac{1}{2}C$.
4. Given the formula $\cot a \sin b = \cos b \cos c + \sin C \cot A$ adapt it to logarithmic computation in order to find the side a .
5. Under what conditions does an equation of two dimensions always denote two straight lines ?

Find the discriminant of the general conic equation.

6. From a fixed point O a perpendicular OD is drawn to a fixed straight line. Any line OR is drawn cutting the fixed line in R , and a point P is taken in OR such that $OP \cdot OR = OD \cdot DR$. Find the locus of P .
7. Determine the circle which makes intercepts 2,6 upon the axis of x , and 3,4 upon that of y , the axes being rectangular.
If a tangent to the circle makes equal angles with the axes, find the intercepts which it makes upon the axes.
8. The distances of two points from the polars of each other are proportional to their distances from the centre of the polarizing circle.

FOURTH PAPER.

1. The locus of a point from which the lengths of tangents drawn to two fixed circles are in a constant ratio is a circle having a radical axis in common with the fixed circles.
2. In any conic the two tangents drawn from a common point are as the diameters to which they are parallel.
3. Through a fixed point (α, β) a line is drawn cutting a parabola $y^2 = 4ax$ in the points P and Q ; find the locus of the point of bisection of PQ .
4. Find the equation to the evolute of the ellipse

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1.$$

MODERN GEOMETRY—SYNTHETIC.

1. When are three magnitudes in harmonic proportion? When do four points form a harmonic range?

If on an indefinite line two points A and B be taken and the distance AB be bisected in C ; then if P, Q be so taken that $CP \cdot CQ = CB^2$ the points $APBQ$ form a harmonic range.

2. In every tetragram the three pairs of opposite intersections divide harmonically the three sides of the triangle determined by their three lines of connection.
3. If four points upon a circle form a harmonic system the chord through two alternate points passes through the intersections of tangents at the other points.
4. Express the anharmonic ratio of a given pencil in trigonometrical functions ; and thence show that the pencils $O-APQB$ and $O-QBAP$ have the same anharmonic ratio.
5. If two triangles be such that the lines joining corresponding angles in each are concurrent, the intersections of corresponding sides are collinears.
6. Prove Pascal's theorem for the circle and show how it may be extended to any conic.

The Pascal lines exist in concurrent groups of four. Why ?

They exist also in concurrent groups of three.

SOLID GEOMETRY.

1. How is the position of a point in space indicated
(1) by rectilinear coordinates,
(2) by polar coordinates ?
2. If l, m, n be the direction cosines of a straight line referred to rectangular coordinates, show that $l^2 + m^2 + n^2 = 1$.

3. A line may be given by the two equations

$$x = mz + a \text{ and } y = nz + b.$$

State clearly what these equations mean, and how they determine a line.

4. The angle between two lines in space referred to rectangular coordinates through direction cosines is given by

$$\cos \theta = ll' + mm' + nn'.$$

5. A tangent plane to a sphere, whose centre is taken as origin, touches it at the point whose coordinates are α, β, γ . Find the intercepts made upon the axes by the plane.

6. Classify the surfaces of the second order and explain how they are produced.

HONOUR PAPER FOR FIRST YEAR.

1. In any pencil $OABCD$ of four rays,

$$\begin{aligned} \sin AB \cdot \sin CD + \sin BC \cdot \sin AD \\ + \sin CA \cdot \sin BD = 0. \end{aligned}$$

2. If in the pencil of (1) OD is perpendicular to OB show that we obtain the relation

$$\sin(a + b) = \sin a \cdot \cos b + \cos a \cdot \sin b.$$

3. Define the mean centre of a system of points for a given system of multiples, and show what mechanical idea is involved.

Weights of 2, 3, 4 pounds are placed upon the three angles of an equilateral triangle without weight; find the distances of the mean centre of the system from two sides.

4. The angular points of a triangle being a system

of points and the opposite sides a system of multiples, determine the mean centre.

5. If a line so move that the sum of the perpendiculars upon it from any number of points is constant, the line is tangent to a fixed circle.
6. If O be the centre of the inscribed circle to a triangle,

$$AO \cdot BO \cdot CO = 4Rr^2.$$

Prove this, and show what the relation becomes when O is the centre of an escribed circle.

7. The distance between the centres of the inscribed and circumscribed circles to any triangle is given by the relation $D^2 = R^2 - 2Rr$.
8. If from any point lines be drawn to the angles of a regular Hexagon the sum of the squares upon these lines is greater than six times the square upon the line from the point to the centre, by six times the square upon the side of the Hexagon.
9. Given two points and a circle it is required to find a point upon the circle from which the angle subtended by the given points may be a maximum or a minimum.
10. If a circle passes through a pair of inverse points with respect to another circle, it determines a pair of inverse points upon every diameter of the other, and cuts its orthogonally.
11. If P lies upon the polar of Q and PT, QS be tangents drawn to the polarizing circle,

$$PQ^2 = PT^2 + QR^2.$$

MENTAL AND MORAL PHILOSOPHY.

FIRST PAPER.

1. Estimate the value of Aristotle's criticism of the Platonic theory of ideas.
2. State the object and method of Psychology as conceived by Aristotle, and compare his views on these points with those of recent empirical psychologists.
3. Explain the terms *οὐσία*, *ὑλη*, *εἶδος*, *δύναμις*, *ἐνέργεια*, *ἐντελέχεια*, *τό ἦν εἶναι*, *λόγος*, and show how they are applied in explanation of the nature of soul.
4. In what sense does Aristotle speak of soul as having *μορία* or *δυνάμεις*? Name the *δυνάμεις* and distinguish between them.
5. Compare the ideal state of Plato with the constitution of a modern state.
6. Examine Plato's view of the relations of Poetry and Philosophy.
7. Criticise Aristotle's conception of the *summum bonum*.
8. How are Ethics and Politics related to one another in the Aristotelian philosophy? Compare with that view the modern notion of "Sociology."

SECOND PAPER.

1. “ *Nihil enim in sua natura spectatum perfectum dicetur vel imperfectum* ; *praesertim postquam noverimus omnia, quae fiunt, secundum aeternum ordinem et secundum certas naturae leges fieri.* ” Explain this saying, and criticise the method of Spinoza.
2. “ *Idea, quae esse formale humanae mentis con-*

stituit, non est simplex, sed ex plurimis ideis composita." Examine this.

3. "Amor Dei intellectualis, qui ex tertio cognitionis genere oritur, est aeternus." Explain this proposition, and show how it is connected with Spinoza's system.
4. Compare the conception of human freedom in the systems of Spinoza and Kant. Give your own view.
5. Trace the philosophical development of Berkeley as shown in his "New theory of Vision," "Principles of Human knowledge" and "Siris." How far did he get beyond the sensationalist basis from which he started ?
6. Examine Mill's view of the Syllogism. Give your own view.
7. State and criticise Mill's theory of Induction.
8. Examine Kant's solution of the Antinomy of Judgment.

THIRD PAPER.

1. The relation of Fichte to Kant.
2. Give a short critical estimate of Schelling's philosophical development.
3. Give an account of the three stages of Consciousness as set forth in Hegel's *Phaenomenologie des Geistes*.
4. What view does Hegel take of the Law of Contradiction ? Give a general account of the character of his Logic.
5. State the main points in the Psychology of Herbert Spencer. Add remarks.

6. Examine the ethical theory contained in the "Data of Ethics."
7. Distinguish between the scientific and the philosophic conception of evolution. Are there any recent thinkers who fail to discriminate between these different points of view?
8. State and criticise Hamilton's doctrine of the Conditioned.

FOURTH PAPER.

1. "The greater number of the propositions we believe are inferences from self-evident propositions." Does this saying of Balfour indicate the true method of philosophy?
2. State the relations of Metaphysics, Psychology, Ethics and Aesthetics.
3. State shortly the views of Aristotle, Descartes, Kant and Hegel on the Philosophy of Nature, and indicate what you regard as the scope and method of this branch of philosophy.
4. Examine the constitution of the American Republic in the light of the ideal Modern State.
5. On what grounds are legal penalties to be justified? Apply your view to the question of Capital punishment.
6. Is a Philosophy of History possible? If so, sketch its contents.
7. What is the relation of Morality to Religion?
8. Does Philosophy prove the Personality of God? Refer to the views on this head of Descartes, Spinoza, Kant and Hegel.

POLITICAL ECONOMY.

FIRST PAPER.

1. (a) Vindicate the claim of Political Economy to take rank among the sciences, dealing with objections such as "it is not an exact science," and "it lacks utility." (b) Explain what is really the subject matter of the Science and show how it stands related to other sciences and to practical economics.
2. Make a critical estimate of the chief methods which have been advocated, and enquire whether any blending of these methods may be possible and useful.
3. It has been said, "No benefit can result from the attempts of Governments to interfere with the *limit* set upon *industry* by capital." Examine this proposition with reference to the apparent benefits of such interferences in our own country.
4. "A time may come when it shall be profitable to cultivate even the most unpromising soil." (a) Under what circumstances? (b) State and briefly explain the law at work in such a case.
5. Suppose the Canadian Pacific Railway to be built without borrowing foreign capital. (a) Give your view of the proximate and final effects on the general industry of the country. (b) Would there likely be any variation in the effects were Great Britain to undertake a similar expenditure on public works?
6. (a) Account for the observed variations in the labour power of individuals in different countries. (b) Estimate the advantages and disadvantages of international division of labour.

7. (a) State grounds on which you would rest the right of property in land. (b) Of inheritance by children. (c) Criticise the theory of Socialism in its fullest development. (d) In the scheme of Marx so far as embodied in the laws of the International Workingmen's Association.
8. (a) *A* and *B* with capital of \$2,000 each rent adjoining farms of equal extent—ordinary rate of profit 10 per cent. After allowance for fixed capital and expenses except rent, *A*'s return is \$300 and *B*'s \$400. Determine rent paid by *A* and *B* respectively. Explain.
(b) Under what circumstances might they equitably pay the same rent?
(c) What was Jenith's theory of rent?

SECOND PAPER.

1. (a) What influence has advancing or declining civilization on the rate of wages?
(b) Many wages have doubled in five years in many employments. Explain the causes, and discuss the question "Whether labour has proportionately benefited by such increase."
(c) Suppose the rise in wages general—discuss the effect on general values.
2. (a) In what way does credit affect the purchasing power of precious metal money; and as a consequence general prices?
(b) Illustrate the good and evil effects of credit by reference to regularly recurring periods of prosperity and depression.
3. (a) What objections would you urge against an issue of paper money redeemable in North-West lands scrip?
(b) What objections to an issue of inconven-

tible paper money and under what circumstances may such an issue retain its face value ? Give examples.

4. Estimate the economic validity of the Irish Land Act, and show how the interference of Government might be justified in that case.
5. (a) Trace points of resemblance between the ancient guilds and modern trades unions.
(b) Explain the aims and methods of the unions, and show how far the methods are economically sound and the aims likely to be attained.
6. In a general scheme of taxation for revenue purposes indicate what should be the incidence of the taxation, with best regard to equality and the interests of industry. Give reasons.
7. An essay on “ Protection ; its methods and results.”

ENGLISH LANGUAGE AND LITERATURE.

FIRST PAPER.

I. Translate into Modern English :

Tha com of more under mist-hleothum
Grendel *gongan*, godes yrre bar.
Mynte se man-scatha manna cynnes
sumne besyrwan in sele tham hean ;
wod under wolcnum, tō thas the he win-reced,
gold-sele gumena, gearwost *wisse*
fattum fâhne. Ne was that forma sith,
that he Hrōthgârës hâm gesôhte :
næfre he on aldon-dagum ær ne siththan
heardran hale, heal-thegnas fand !
Com thâ tō redede rinc *sithian*
dreamum *bedæled*. Duru sôna *onarn*
fyr-bendum fast, syththan he hinc folmum *hran* ;
onbrad thâ bealo-hydig, thâ he âbolgen was,
reeedes mûthan. Rathe after thon
on fâgne flor feond treddode,
eode yrre-môd ; him of eagum *stod*

lige *gelicost* leoht unfager.
Geseah he in recede rinca manige,
swcfan sibbe-gedriht samod atgadere,
mago-rinca heap: thâ his môd *ahlog*,
mynte that he gedælde, ær thon dag cwôme,
atol aglæca, ânra gehwylces
lif with lice, thâ him *alumpen* was
wist-fylle wên. Ne was that wyrd thâ gen,
that he mā mōste manna cynnes
thicgean ofer thâ niht. Thryth-swyth beheold
mæg Higelâces, hû se mân-scathe
under fær-gripum gefaran wolde.

[Beowulf.

2. Parse the words in italics and compare *gelicost*.
3. Give a short sketch of the poem of Beowulf.
4. Explain the construction of *sithian* and of *swefan*.

SECOND PAPER.

1. Translate into Modern English :

Ayen ich wulle to Scotte,
to scone mire docter,
yernen hira milcea,
that heo me nele *wurdea* ;
bidden heo me *vnderfon*
mid mine fif cnihten ;
ther ich wulle *wunie*,
and tholie theos wænen
ane lutele stunde,
for ne libbe ich nowiht longe.
Leir the king wende forth
to his dohter *wunede* north.
Fulle thre nihtes
heo *hærabarewude* hine and is
cnihtes :
heo *swor* a thane ferthe dæi,
bi al heuenliche main,
tha† ne sculde he habben mare,
bute enne knicte there ;

and yef he thet nolde,
ferde wuder he wolde.
Wel oft wes Leir wa,
and neuere wurs thanne tha.
Tha seide the alde king,
æruu he was on herten :
Wallan dæth, wela dæth,
that thu me nelt *fordemen* !
Seoth seide Cordoille,
for *cuth* hit is me *nouthe*
mi yengestte dohter,
heo was me wel dure,
seoththen heo me wes leadest.
for heo me seiden alre *sohust*,
that he bith vnworth and lah
the mon the litul ah ;
and ich nas na *wurdra*,
thenne ich nes *weldinde*.

[Layamon's Brut.

2. Parse the words in italics and give their Anglo-Saxon forms.
3. Give an outline of the story of King Lear from Layamon.

4. Name the contemporaries of Layamon and their works.

THIRD PAPER.

I. Re-write in Modern English :

A good Wif was ther of byside Bathe,
But sche was *somdel* deef, add that was *skathe*.
Of cloth makynge she hadde such an haunt,
Sche passed *hem* of Ypris and of Gaunt.
In al the parishe wif ne was ther noon
That to the *offryng* byforn hire schule goon,
And if ther dide, certeyn so wroth was sche,
That sche was thanne out of alle charité.
Hire keverchefs weren ful fyne of *grounde* ;
I durst swere they weyghede ten pounde
That on a Sonday were upon hire heed.
Hire hosen ware of fyn [e] scarlett reed,
Ful streyte y-teyed, and schoos full *moyste* and newe.
Bold was hir face, and fair, and reed of hewe.
She was a worthy womman al hire lyfe,
Housbondes atte chirche dore hadde sche fyfe,
Withouten othur compayne in youthe ;
But thereof needeth nought to speke as *nouthe*.
And thries hadde sche ben at Jerusalem ;
Sche hadde passud many a straunge strem ;
At Rome she hadde ben, and at Boloyn,
In Galice at seynt Jame, and at Coloyne.
Sche *cowde* moche of wandrying by the weye.
Gattohud was sche, sothly for to seye.
Upon an amblere esely sche sat,
Wymplid ful wel, and on hire heed an hat
As brood as is a bocler or a targe ;
A foot-mantel aboute hire hupes large,
And on hire feet a pair of spores scharpe.
In felawschipe wel cowde [sche] lawghe and *carpe*.
Of remedyes of love schc knew gerchaunce,
For of that art she knew the olde daunce.

—Chaucer's Prologue.

Then said the aged Caelia, Deare dame,
And you good sir, I wote that of youre toyle
And labours long, through which ye hither came,
Ye both *forwearied* be : therefore a whyle
I *read* you rest, and to your bowres *recoyle*.
Then called she a *groome*, that forth him led
Into a goodly lodge, and *gan* despoile
Of *puissant* armes, and laid in easie bed :
His name was meeke Obedience rightfully *ared*.

Now when their wearie limbes with kindly rest,
And bodies were refresht with due repast,
Faire Una gan Fidelia faire request,
To have her knight into her schoolhouse plaste,
That of her heavenly learning he might taste,
And heare the wisdom of her words divine.
She graunted, and that knight so much *agrade*
That she him taught celestiall discipline,
And opened his dull eyes, that light mote in them shine.

And that her sacred booke, with blood *ywrit*,
That none could read, except she did them teach,
She unto him disclosed every *whit*,
And heavenly documents thereout did preach,
That weaker wit of man could never reach ;
Of God, of grace, of justice, of free will ;
That wonder was to heare her goodly speach ;
For she was able with her words to kill,
And raise againe to life the hart that she did *thrill*.

And, when she *list* poure out her larger *spright*,
She would command the hasty sunne to stay,
Or backward turne his course from heavens hight ;
Sometimes great hostes of men she could dismay ;
[Dry-shod to passe she parts the floods in tway ;]
And eke huge mountaines from their native seat
She would commaund themselves to beare away,
And throw in raging sea with roaring threat.
Almighty God her gave such powre, and puissaunce great.

The faithful knight now grew in little space,
By hearing her, and by her sisters *lore*,
To such perfection of all heavenly grace,
That wretched world he gan for to abhore,
And mortall life gan *loath*, as thing *forlore*,
Greevd with remembrance of his wicked wayes,
And prickt with anguish of his sinnes so sore,
That he desirde to end his wretched dayes :
So much the dart of sinfull guilt the soule dismayes.

[Spenser's Faery Queene.]

2. Parse the words in italics and give their derivations.
3. Explain the following expressions : *weygheden ten pounde*,—*atte chirche dore*,—*knew the olde daunce*.

4. Give an outline of the Canterbury Tales, and also a short criticism of the work.
5. What is the force of *for* as a prefix of verbs?
6. Name the principal characters of the 10th Canto, giving a sketch of each.
7. Describe the Spenserian metre, and scan the last four lines of the 18th stanza.
8. State any defects as well as any excellencies in the Faery Queene.

FOURTH PAPER.

Write an essay on either of the following subjects:

(a) Compare the poetry of the Anglo-Saxon period with the poetry of the Semi-Saxon period, and also of the Old English, taking Beowulf, Layamon's Brut, and Chaucer's Canterbury Tales as characteristic of the three periods.

(b) Spenser, his life and writings.

HISTORY.

FIRST PAPER.

1. Guizot says: "The history of the political institutions of Europe divides itself into four great epochs during which society has been governed according to modes and forms essentially distinct." Explain this and mention the epochs.
2. From the accession of Augustus to the death of Theodosius the Great, the Roman Empire presents a general character of impotence and sterility. How is this accounted for?

3. Compare Local Institutions among the Anglo-Saxons with the Local Institutions existing on the Continent.
4. What was Rousseau's hypothesis stated in the Social Contract. Point out his error.
5. Compare Representative government with an Aristocracy and Democracy respectively.
6. In what sense may Representative government be considered a government by the majority?
7. What are the forms essential to Representative government?
8. What circumstances render the primitive institutions of the Franks more difficult to study than those of the Anglo-Saxons?
9. Distinguish between individual independence and social freedom and state the true object of government.

SECOND PAPER.

Answer any eight of the following questions.

1. Explain Folkland, Bocland, Ethel and Lae-land.
2. Describe the Townships, the Hundred, the Shire, also the Jurisdiction of their several Courts.
3. What was the Wapentake? In what districts was this name used?
4. Compare the Folkmoot with the Witenagemot. Who composed these respectively?
5. Compare Feudalism in England with Feudalism in France. What was the attitude of the Norman kings towards Feudalism in England?

6. What was the Ecclesiastical policy of the Norman Kings?
7. "The peculiar position of Henry II. was something like that of the Emperor Charles V., that of a Prince ruling over a great number of distinct states without being nationally identified with any of them. Henry ruled over England, Normandy and Aquitaine, but he was neither English, Norman nor Gascon." Explain how he acquired his authority over all these Territories.
8. The most important articles of the Constitution of Clarendon may be conveniently arranged in five groups. Give this classification.
9. Compare the French Commune with the English Guild.
10. Under the Norman Plantagenet rule what part did the Kings take in the general administration?
11. State the origin of the offices of Justiciar and Chancellor. What were the duties of each office?

THIRD PAPER.

Answer any seven of the following questions.

1. Point out the growth of the Commons in the fourteenth century, including the reigns of Edward II. and III. and Richard II., and state what new privileges were then established.
2. What was the origin of the Court of Exchequer and also of the Court of the Star Chamber? When was the Court of the Star Chamber abolished?
3. Trace the growth of the principle of Ministerial responsibility. When did the Barons claim

the right of electing the Justiciar, Chancellor and Treasurer ?

4. What was the number of the Peerage Lay and Spiritual in the fourteenth century, and what was the rank and precedence of the several orders ? How has the number varied since that period ?
5. When was the Habeas Corpus Act passed ? Mention instances of its suspension.
6. What were the provisions of the petition of the thirty-one articles ?
7. At the reformation on what ground was the suppression of the Monasteries justifiable ?
8. What was the state of the House of Commons under the Tudors ? What steps did the Court take to strengthen its position ?
9. When was the Act of Settlement passed ? What were its terms ?
10. Who formed the Cabal Ministry ? What were the respective conditions of the Ministry and Privy Council at that time ?
11. Trace the growth of liberty of opinion and freedom of the Press, mentioning the most important events in this connection.

CHEMISTRY.

- I. (a) Give a short account of the members of the Halogen group (especially of Chlorine and Iodine), and of their chief compounds, showing how they are obtained, and mentioning their distinguishing properties and reactions.
(b) Supposing you had a soluble mixture

containing Chloride, Bromide, Iodide, Fluoride and Cyanide of a metal or metals, how would you detect each one of those acids with certainty in presence of the others ?

2. Describe Phosphorus and its principal compounds. Take up in detail the Oxygen compounds of Phosphorus, and show how they may be regarded as being constituted.
3. Give a sketch of the principles of Spectrum Analysis. Describe shortly the Spectroscope, and mention its chief application.
4. Give two methods for determining the Vapour Density of a liquid volatile without decomposition.

How do you reduce the formula of a compound from its Vapour Density ? In cases of substances whose Vap. Dens. you cannot determine, are there any other means of arriving at their probable molecular formulae ?

5. (a) How can we advance synthetically from one group of the Fatty Series of Hydrocarbons to another ?

(b) There are two compounds having the molecular formula C_2H_3N . What are they, and how would you distinguish them from one another ?

Further, how would you suppose them to be constituted (giving sufficient reasons) ?

6. What are the Amines, and how are they classified ? Give their chief properties and reactions. Give also two general modes of formation of the primary Amines.
7. Give a short sketch of the methods of estima-

tion of Carbon, Oxygen, Hydrogen and Nitrogen, in Organic Compounds.

8. Give the salient points of a general scheme for the *Qualitative Analysis* of Inorganic Compounds, *i.e.*, of the more commonly occurring bases and acids.
9. How may the following *Quantitative Estimations* be made :
 - (a) *Iron*, *gravimetrically*, as Ferric Oxide ?
 - (b) *Iron*, *volumetrically*, by means of a standard solution of Permanganate of Potash ?
 - (c) *Lime and Magnesia*, supposing you have them together in solution as Chloride ?
 - (d) The *Available Chlorine* in Baking Powder, and also indirectly, the *Manganese Di-oxide* in the ore of commerce, by Bunsen's Volumetric method.

PRACTICAL EXAMINATION IN LABORATORY.

This consisted in the Qualitative Analysis of a complex mixture of Salts.

FACULTY OF THEOLOGY.

PASS EXAMINATIONS.

SYSTEMATIC THEOLOGY.

FIRST PAPER.

1. Show that Jesus Christ is the centre of Christian theology and life.
2. How would you verify the fact of special revelation?
3. State the form that special revelation assumed, and some of the principles of its development.
4. Sketch the history of Prophetism.
5. Define Inspiration, and prove the fact.

SECOND PAPER.

1. Define and prove the doctrine of the Trinity.
2. Sketch the history of the doctrine of Sin.
3. Explain the reserve of the Old Testament regarding such important truths as Immortality, the Trinity, the existence of Satan.
4. Give the Socinian, the Arian, the Rectoral, and the Moral Influence views of the Atonement; and criticize them.
5. State and defend the Catholic doctrine on the subject.

APOLOGETICS.

1. How does Hamilton attempt to escape from

Nescience in regard to God, to which his doctrine of the Unconditioned logically led, and show wherein his attempt fails ?

2. Define a primary Cause and distinguish it from a secondary Cause.
3. Granted that “ Force is the all-sufficient cause of the Universe,” show that the Atheistic conclusion of Mill does not follow.
4. Refute the assertion that the argument from Design only, (1) proves an infinite number of Designers, (2) leads up to an Artificer, not to a Creator.
5. On what idea does Kant found his reasoning in the Moral argument for the existence of God ?
6. What is the connecting link between the *a priori* and the *a posteriori* proofs in the Theistic argument ?
7. What is the function of Miracles in the Christian system ?
8. In the discussion of the question of Miracles :
(1) What is the point at present in dispute ?
(2) Account for this phase in the controversy.
9. Explain the “ higher law ” theory.
10. What elements of a Miracle are represented by the terms *τέρας*, *σημεῖον δύναμις* ?

HEBREW.

FIRST YEAR.

1. Translate (1) Gen. xviii. 5—8, (2) Josh. viii. 24—26, (3) Job i. 5, (4) Ps. xxxvi. 2—5, (5) Ps. xxxvii. 13—15.

וַיַּרְדֵּ (4) פְּגָרִים (3) מִמְעִיךָ (2) מַעֲשֵׂר (1) **נִצְבִּים** (9) תְּצִיתּוֹ (8) נִמּוֹלָ (7) נִהְרָ (6) נִזְרִים (5) (10) עַקְבּוֹ.

אָרוֹן (4) עֲנָה (3) סָלָת (2) פָּת (1) **טָף** (7) אָזְרָח (6) שְׂטָרִים (5).

4. Explain the Hebraism in the use of **אֶם**, Gen. xiv. 23.

5. Show that the translation of **בֶּן מִשְׁקָבֵיתִי**, Gen. xv. 2. A.V. is incorrect.

6. Explain the Hebrew phrase for “make a covenant.

7. Explain the peculiarity in the use of **אֶת**, Gen. xvii. 5.

8. **בָּרָךְ** is used in two opposite senses. Give analogous instances from Greek and Latin.

9. Why is **אִמְלָטָה** in the cohortative form, Job i. 15?

10. Show that Ps. xxxviii. 19 is consistent with Ps. xxxviii. 21.

11. Give the name of Hobah, Gen. xiv. 15, in classics and in N.T.

12. Give a paradigm of (1) Kal. imp. **נִנְשֵׁת**, (2) Niph. pret. **סָבֵב**, (3) Hiph. fut. **גָּלֵה**.

SECOND YEAR.

1. Translate (1) Prov. xxx. 1—3, (2) Is. xl. 14—17, (3) Ps. lxiv. 2—4, (4) Jer. xiii. 19—21.

וַיַּאֲצַל (4) אֲשִׁירִיו (3) יִקְרֵ (2) וַיְחַלֵּ (1) **מִדְקָן** (8) חַטִּים (7) תְּקִרְבָּה (6) שְׁלֹוִים (5).

3. “The elders and officers of the people.” How does the English idiom in this sentence differ from the Hebrew?
4. Explain **וְלֹא יִסְפֹּר**, Num. xi. 25.
5. Point out the peculiarity in **אָזְהָר**, Jer. xii. 1.
6. Explain Jer. xii. 5.
7. Why is **כִּי** used instead of **יְדִי**, Jer. xii. 7?
8. What use is served by **תְּ** in first person singular preterite?
9. What letters are sometimes softened into vowels? When especially?

BIBLICAL HERMENEUTICS.

1. Name the writers of the Books of the Bible, their occupations, and the chronological order in which the Books were written; also the dates at which Moses and the Greek and Oriental sages lived and wrote.
2. Name the places where, so far as known, the different Books were written, the various subjects treated, the classes of people addressed, and the object of the authors in writing; also shew how these varying circumstances would influence the writers.
3. Explain why the Bible is so largely written in figurative language; also its anthropomorphisms. Give illustrations.
4. Distinguish between the analogical language of the Bible and that of other books.
5. Reconcile apparent contradictions in figurative language applied to God, *e.g.* Num. xxiii, 19, and 1 Sam. xv., 11, 35; Ex. xxxiii., 11 and 20; Psa. xviii, 11, and 1 Tim. vi, 16.

6. Describe the Analogy between the Jewish rites ceremonies and history, and the spiritual truths they were meant to teach.
7. In what respect does the language of Scripture require careful attention ? Define the meaning of trope, metaphor, synecdoche, metonymy, allegory, parable, fable, and give illustrations.
8. What ordinance was both symbolical and typical ? Explain.
9. Give a summary of the various facts describing the way in which the Bible was written.
10. What are the chief requisites for the study of the Bible ?
11. What is the first principle of Bible interpretation ? Where is it found and how may it be violated ?
12. State the Hebraisms and Semi-Hebraisms of the Bible, with an example of each.
13. With what difficulties do we meet in the use of proper names ?
14. State the second, third, fourth and fifth rules of Interpretation, and explain their importance.
15. To what kind of passages are these rules to be applied ?
16. Define Theology, and state Locke's definition of it.

GREEK TESTAMENT EXEGESIS

1. Translate Heb. x. 4—8 ; Heb. xi. 13—17 ; Heb. xii. 12—16 ; Heb. xiii. 9—13 ; Jas. i. 6—10.
2. Derive *διηγείεσ*, *ἐνιαυτός*, *προσφατος*, *εὐπερίστατος*, *δελεάζω*, *ἀλυσιτελής*.
3. Conjugate *τίκτω*, *δρέγω*, *φράσσω*, *πρίω*.

5. Why is *προσφερομεναι* used instead of the infinitive, Heb. x. 2?
6. Shew who are meant by *οντοι παντες*, Heb. xi. 13.
7. Explain *προσεκυνησεν*—*αυτου*, Heb. xi. 21.
8. To which of the flights of Moses is the reference Heb. xi. 27? Prove your answer.
9. What is peculiar in the use of *ζηλος*, Heb. x. 27? Does *ζηλος* or *πυρος* contain the leading idea? Prove your answer.
10. State the difference between *μη λαβοντες*, Heb. xi. 13, and *ον λαβοντες*.
11. Why probably does the writer refer to the sons of Joseph, xi. 21, and not to his brothers?
12. Explain *ινα—τελειωθωσι*, Heb. xi. 40.
13. Explain *οι μεν—επαιδευον*, Heb. xii. 10.
14. Shew that *μετανοια*, Heb. xii. 17, refers to Isaac not to Esau.
15. Explain Heb. xii. 24.
16. State the arguments against the Pauline authorship of the Epistle to the Hebrews, and the grounds on which Apollos has been supposed to be its author.
17. Shew that James the brother of Jude was the author of the Epistle of James.

CHURCH HISTORY.

FIRST PAPER.

1. Council of Nice. Where held? When? The Arian heresy? Decree of Council anent it? Nicene Creed?
2. What was the Pelagian heresy? Mention the

five points of the Semi-pelagians. At what council condemned ?

3. Sketch briefly the rise and progress of the Monastic System, particularly the Benedictines.
4. What was the Donatist Schism ? Sketch summarily the character and teaching of Mohammed. What is the Koran ?

SECOND PAPER.

1. What four heresies regarding the Son of God were condemned at the first four general councils ? Their authors ? Date of Councils ?
2. Give summaries of the life and work of St. Ninian, St. Columba and St. Kentigern.
3. What do you know of Gregory the Great ? The mission he sent to England ? What was the old British Church ? When was the Council of Whitby held ? What was done at it ?
4. What is Transubstantiation ? Who first taught it ? When did it become a dogma of the church ?
5. Sketch the Iconoclastic Controversy. What led to the separation of the Latin and Greek churches ? State the distinctive tenets of the Greek church.
6. What causes led to the Crusades ? Give particulars of the First Crusade. Why did they fail ? What benefits accrued from them to the West ?
7. Describe the form of worship of the early church.
8. The Waldensian Church ? Its origin ? In what did it differ from the Romish Church ?

EXAMINATIONS IN MEDICINE.

MATERIA MEDICA.

1. State the different ways in which Cathartics prove curative, and mention the contra-indications to their use.
2. Contrast the action of Aloes and Elaterium, Gamboge and Calomel, and Epsom Saults and Podophylin.
3. State how Fowler's solution of Arsenic, Quinine, Grey Powder and Chloral Hydrate are made.
4. Name the properties of Subnitrate of Bismuth and Oxalate of Cerium, and the chief cases in which they are used.
5. Write a prescription (for Intermittent fever) consisting of Fowler's Solution of Arsenic, Sulphate of Quinine, Aromatic Sulphuric Acid and water. A tablespoonful three times a day after meals.
6. Give the doses of Extract of Belladonna, Tincture of Nux Vomica, Tannic Acid, Gallic Acid, Protiodide of Mercury, and Acetate of Lead, and the Hypodermic doses of Strychnia and Apomorphia.
7. Name the Physiological Antidotes to Opium and Chloral Hydrate, and give the symptoms produced by the habitual and excessive use of Chloral Hydrate.

THEORY AND PRACTICE OF MEDICINE.

1. Give the Pathology of the different forms of Cerebral Hemorrhage.

2. Explain the connection, (1) between Albuminaria and Anasarca; (2) between Cirrhosis and Ascites.
3. Diagnose Pleurisy from Intercostal Neuralgia.
4. How would you treat a case of Active Congestion of the Brain?
5. Diagnose and give the principles which would guide you in the treatment of Scarlatina Anginosa.
6. Describe in a case of successful Vaccination, the appearance on the third day and the eighth day.
7. Give four of the earliest physical signs in Chronic Phthisis, and explain their occurrence.
8. How would you recognise Paraplegia, arising from reflex irritation?

ANATOMY.

1. Describe the occipital bone, and name the muscles attached to it.
2. Give the origin and insertion of the following muscles : Biceps femoris, Biceps humeri, Obliqües abdominis externus, Tibialis anticus.
3. Give the relations of the femoral artery in Scarpa's triangle ; and state how collateral circulation is carried on after ligation of that vessel above the origin of the Profunda.
4. Describe the ligaments of the hip joint, name the muscles and tendons in contact with it, and the motions of which it is capable.
5. Give the origin, course and distribution of the ulnar nerve.
6. Enumerate the arteries which supply the Brain,

and note whatever is remarkable in their course, connections and ramifications.

OBSTETRICS.

1. Give the measurements, planes and axes of the Pelvis.
2. Describe the Uterus, its position, relation and supports.
3. Give the distinguishing signs between Dysmenorrhœa and abortion at second month.
4. Give the cause of Uterine Inertia, its danger and treatment.
5. Give mechanism and management of Face presentation, Chin anterior.
6. Give indications for Craniotomy, and how it should be performed.
7. Give causes, signs and treatment of Inversion of Uterus.
8. Give causes and treatment of Infantile Asphyxia.

SURGERY.

1. Give the symptoms and diagnosis of Scirrhous of the mammary gland.
2. Describe Tuberclœ ; name its varieties ; the changes it may undergo ; and give a theory as to its cause.
3. What are the causes, and how would you treat a case of Lachrymal Fistula ?
4. Give the surgical anatomy of Femoral Hernia.
5. What are the symptoms of Compression of the Brain ; the differential diagnosis, the causes

thereof ; and state when and how an operation for their removal is demanded ?

6. Name Anterior Dislocations of the Femur, and give the symptoms and diagnosis of that one in which there is shortening.
7. Give symptoms of Vesical Calculus. How is it detected ? Name the different methods of removal by cutting, and which you would select as the best.

MEDICAL JURISPRUDENCE.

1. Explain the difference between positive and circumstantial evidence, and the precautions to be used in giving and receiving evidence. Is a witness bound to testify to the whole truth ? If there be any exception to the rule, state the exception.
2. Under what circumstances are confessions and dying declarations admitted as evidence ? Is hearsay evidence, as a general rule, admitted or rejected ? Is a medical witness competent to give evidence upon matters of opinion as well as on matters of fact ?
3. Is a witness allowed to refresh his memory by notes taken of a case ? Is it advisable to take notes of post mortem examinations, with a view to judicial proceedings, and to what extent can these notes be used in giving evidence ?
4. What is the medico-legal value of the appearance, direction, and extent of bodily wounds from violence ?
5. Describe the hydrostatic test, and define its medico-legal value in the detection of crime.

PHYSIOLOGY.

1. What is meant by a Ferment ? What ferments exist in the human body ? What are their general properties, and the special conditions requisite for their action ?
2. Describe the origin, uses, and fate of the red and white blood corpuscles.
3. Describe the structure of a lobule of the lung. State how the residual air is made to leave the air cells, and explain the changes taking place in the blood in passing through the lungs.
4. State the functions of the Liver, and give the composition, uses and tests for the Bile.
5. Describe Urea, its sources, artificial preparation, method of extraction from the Urine, and trace its passage from the cortical portion of the kidney to the bladder.
6. State and explain the phenomena observed after unilateral section of the spinal cord in the Dorsal region. Give an example of "reflex inhibition" in the frog and in man.
7. Explain the condition known as Daltonism or colour-blindness, by comparing the perceptions of sight and sound.
8. Describe the formation, structure and functions of the Placenta, and state what structures have fused to form the membranes at the full period of utero-gestation.

LIST OF GRADUATES.

(Graduates are requested to intimate to the Registrar change of residence or any omission in the list.)

Those marked with an asterisk are clergymen.

L.L.D.

Name.	Present address.	Year of Graduation.
His Excellency the Marquis of Lorne	Ottawa	1879
*Bell, George	Kingston	1872
Bell, Robcrt, M.D.	Ottawa	1883
Chapman, Edward J.	Toronto	1867
*Cook, John, D.D.	Quebec	1880
Frechette, Louis	Montreal	1881
*Kemp, Alexander F.	Ottawa	1871
Mowat, Oliver	Toronto	1872
Macdonald, Sir J. A.	Ottawa	1863
McLaren, Peter	(Deceased)	1868
*Romanes, George	(Deceased)	1866
Tassie, William	Toronto	1871
Thorburn, John	Ottawa	1880
Todd, Alpheus	Ottawa	1881
*Willis, Michael	(Deceased)	1863
Young, Geo. Paxton	Toronto	1882
*Young, Sir William	Halifax, N.S.	1881

D.D.

Bain, William	Kingston	1872
Baxter, John C.	Scotland	1878
Bayne, James	(Deceased)	1865
Bellis, George	Belfast, Ireland	1880
Bergne, Samuel B.	London, Eng.	1865
Black, John	(Deceased)	1876
Caven, William	Toronto	1875
Donald, William	(Deceased)	1861
Fraser, William	Barrie	1878
Geddie, John	(Deceased)	1866
Geikie, John C.	Barnstable, Devonshire, Eng.	1871
Gill, Henry	England	1865

Name.	Present address.	Year of Graduation.
Grant, Peter	Dundee, Scotland ..	.....1868
Grant, William	New South Wales ..	.....1883
Henderson, William	(Deceased) .....	.....1862
Hogg, John	(Deceased) .....	.....1871
Macrae, Donald	St. John, N.B. ....	.....1881
Mann, Alexander	Pakenham.....	.....1876
Muir, James C.	(Deceased) .....	.....1858
Murray, Isaac	Vale Colliery, N.S. ....	.....1876
McGillivray, Alexander	(Deceased) .....	.....1858
McGregor, P. G.	Halifax, N.S. ....	.....1876
McKay, George L.	Formosa .....	.....1880
McLaren, William	Toronto.....	.....1883
McMorine, John	(Deceased) .....	.....1865
Neill, Robert	Burnbrae .....	.....1872
Nelles, Samuel S.	Cobourg .....	.....1861
Nish, James	Sandhurst, Victoria.....	.....1881
Pollok, Allan	Halifax, N.S. ....	.....1876
Reid, William	Toronto.....	.....1876
Ross, James	Halifax, N.S. ....	.....1864
Sedgwick, Robert	Musquodoboit, N.S. ....	.....1878
Sheraton, James P.	Toronto.....	.....1882
Spence, Alexander	(Deceased) .....	.....1864
Stevenson, John F.	Montreal .....	.....1880
Ure, Robert	Goderich .....	.....1876
Wardrope, Thomas	Guelph .....	.....1878

B.D.

Ferguson, John	Chesley .....	.....1879
Hart, Thomas	Winnipeg .....	.....1880
Jardine, Robert	Brockville .....	.....1866
McLaren, Ebenezer D.	Brampton .....	.....1873
McMillan, John	Truro, N.S. ....	.....1865
Ross, Donald	Lachine, Que. ....	.....1863
Ross, James	Perth .....	.....1881
Smith, James C.	Guelph .....	.....1880

B.Sc.

McDonald, George	Toronto.....	.....1863
*Mackenzie, Archibald A	Glasgow, Scotland ..	.....1877
Ritchie, George	Toronto.....	.....1878

L.L.B.

Boyd, Edward	Cincinnati, U.S. ....	.....1863
Buckley, Philip J.	(Deceased) .....	.....1863
Drummond, Andrew T.	Montreal .....	.....1863
Gildersleeve, James P.	Kingston .....	.....1863
Price, Cornelius V.	Kingston .....	.....1863
Strange, John.....	Kingston .....	.....1883

B.A.

Name.	Present address.	Year of Graduation
Agnew, Andrew.....	Ottawa .....	....1864
Agnew John	Kingston .....	....1859
Anglin, James V.	Kingston .....	....1883
Asselstine, Henry A.	Kingston .....	....1876
*Awde, James.....	Stanstead, Q.....	....1879
Bain, Hugh U.....	Prince Albert, N.W.T. ....	....1871
Bain, John F.....	Winnipeg, M. ....	....1867
*Bain, William	Kingston .....	....1845
Bain, William R.....	.....	....1863
Ballagh, James H.	Jefferson, Iowa.....	....1878
Bell, Andrew	Carillon, Que. ....	....1853
*Bell, George.....	Kingston .....	....1847
Bell, George	Toronto .....	....1878
Bell, John	(Deceased) .....	....1862
Bell, Josiah J.	Toronto.....	....1864
*Bell, William.....	(Deceased) .....	....1855
Benson, John R.	Gympie, Queensland, Aus.	....1853
Bethune, William.....	Geneseo, Ill.....	....1864
Bissonette, Julien D.	Dundas .....	....1880
Bonner, John.....	(Deceased) .....	....1845
Bourchier, H.P.....	Valparaiso, S.A. ....	....1853
Briden, William	Ingersoll .....	....1880
Brown, James A.	Beaverton .....	....1883
Brown, William G.	Galt .....	....1881
Burgess, James E.	Sydenham.....	....1868
*Caie, George J.	Forfar, Scotland .....	....1861
Caldwell, William.....	Lanark .....	....1866
*Cameron, Charles I.	(Deceased) .....	....1861
*Cameron, Hugh	Glencoe.....	....1876
Cameron, John	London, O. ....	....1864
*Campbell, Alexander.....	Stonewall, Man. ....	....1862
Campbell, Donald.....	(Deceased) .....	....1850
*Campbell John.....	(Deceased) .....	....1874
Campbell, Neil	River Beaudette, Q. ....	....1883
*Campbell, Robert	Montreal .....	....1856
*Campbell, Robert	Renfrew.....	....1867
*Cattanach, John C.	Sherbrooke, Que. ....	....1868
*Chambers, Robert	Erzeroum, E. Turkey	....1866
Chambers, William	Kingston .....	....1883
*Chisholm, John.....	McIntyre, Ont.....	....1878
Chrysler, Francis H.	Ottawa .....	....1866
*Clarke, William C.	Belleville .....	....1855
Claxton, George.....	Gladstone, Man. ....	....1876
Cluness, William R.	Sacramento, Cal. ....	....1855
*Cormack, James.....	Alexandria .....	....1872
Craig, James J.	Mount Forest .....	....1874
Craig, William	Pittsburgh .....	....1858

Name.	Present address.	Year of Graduation.
*Craig, Robert J.	Deseronto .....	..... 1871
Crawford, Robert	Kingston .....	..... 1869
Creegan, John G.	Kingston .....	..... 1878
*Cumberland, James	Amherst Island .....	..... 1877
Cumberland, Thomas D.	Winnipeg .....	..... 1875
*Curran, William B.	Hamilton .....	..... 1859
*Currie, Archibald	Sonya .....	..... 1858
Curry, James W.	Port Hope .....	..... 1878
Daly, Wilber	Napanee .....	..... 1880
Davis, Bidwell N.	Chatham, O .....	..... 1881
*Dawson, Alexander	Gravenhurst .....	..... 1869
Dingwall, James	Cornwall .....	..... 1861
Donald, William	Orangeville .....	..... 1873
Douglas, James	Phœnixville, Pa. ....	..... 1858
Douglas, Robert	Port Elgin .....	..... 1851
Dow, John Bell	Whitby .....	..... 1875
Downing, James J.	Perth .....	..... 1881
Drummond, Andrew T.	Montreal .....	..... 1860
Drummond, Francis A.	Winnipeg, M. ....	..... 1877
Dunbar, Neil	(Deceased) .....	..... 1854
Dupuis, Nathan F.	Kingston .....	..... 1866
Dyckman, Henry M.	Orange, New Jersey ..	..... 1877
Dyde, Samuel W.	Kingston .....	..... 1883
*Eakin, Joseph S.	Dundalk .....	..... 1866
*Edmison, Henry	Rothesay, O .....	..... 1863
Elliott, Thomas A.	Brockville .....	..... 1879
*Evans, Joseph	St. Paul's, N. Car. ....	..... 1855
Feek, Robert G. ....	— .....	..... 1882
Fenwick, Kenneth N.	Kingston .....	..... 1871
Ferguson, Archibald	Kingston .....	..... 1883
*Ferguson, George D.	Kingston .....	..... 1851
Ferguson, James F.	Napanee .....	..... 1862
*Ferguson, John	Chesley, O. ....	..... 1876
Ferguson, Robert	Owen Sound .....	..... 1882
Ferguson, Thomas B.	Cincinnati, Ill. ....	..... 1863
Ferguson, William B.	Napanee .....	..... 1861
Forrester, Edgar	Mallorytown .....	..... 1882
Fowler, Henry C.	Carleton Place .....	..... 1881
Fraleck, Edison B.	Belleville .....	..... 1863
Fraser, Alexander G.	(Deceased) .....	..... 1852
Fraser, Archibald	(Deceased) .....	..... 1848
*Fraser, Donald	Mount Forest .....	..... 1864
Fraser, George L. B.	Ottawa .....	..... 1870
*Fraser, James	Chatham, Q. ....	..... 1865
*Fraser, John F.	Metcalfe, O. ....	..... 1869
Fraser, John M.	London .....	..... 1855
*Fraser, Joshua	Montreal .....	..... 1858
Froiland, Herman M.	Kingston .....	..... 1882

Name.	Present address.	Year of Graduation.
Fuller, William H.	(Deceased) .....	..... 1867
*Gallagher, John	Pittsburgh .....	..... 1878
Gibson, William J.	Belleville .....	..... 1874
Gillies, George	Gananoque .....	..... 1874
Givan, Arpad	Campbellford .....	..... 1883
Givens, David A.	Kingston .....	..... 1878
*Glassford, Thomas S.	Richmond, O. ....	..... 1875
*Gordon, James	Niagara Falls .....	..... 1851
Gordon, John G.	Brockville.....	..... 1861
Goold, Arthur J.	Kingston .....	..... 1883
Gow, Robert	Wallacetown .....	..... 1883
Grant, Hugh R.	Stellarton .....	..... 1883
Grant, James A., M.D.	Ottawa .....	..... 1878
*Gray, John	Orillia .....	..... 1874
Hamilton, Andrew	(Deceased) .....	..... 1855
Hamilton, John	Kingston .....	..... 1878
Harkness, Thomas F.	(Deceased) .....	..... 1862
*Hart, Thomas	Winnipeg, M. ....	..... 1860
Hay, John	Pinkerton .....	..... 1882
Hay, William	Paisley .....	..... 1883
Heath, Frederick C.	Kingston .....	..... 1878
Heenan, Daniel	(Deceased) .....	..... 1849
Herald, John	Dundas .....	..... 1876
Hooper, Edmund J.	Napanee .....	..... 1858
Hope, James A.	(Deceased) .....	..... 1861
Hume, John P.	Brampton .....	..... 1881
*Hunter, Alexander	(Deceased) .....	..... 1861
Hutcheson, James	Brockville.....	..... 1881
Ireland, Charles F.	Kingston .....	..... 1866
Irvine, William H.	Sydenham .....	..... 1877
Jamieson, Alexander	Kansas City, U.S. ....	..... 1863
*Jardine, Robert	Brockville .....	..... 1863
Johnson, William	Guelph .....	..... 1849
Johnston, Joshua R.	Chesterville .....	..... 1882
Knight, Archibald P.	Kingston .....	..... 1872
*Lang, William A.	Lunenburg .....	..... 1873
Langill, Paul F.	Mattawa .....	..... 1881
Lavell, John R.	Smith's Falls .....	..... 1877
Lennox, David	.....	..... 1861
*Lewis, Lewis	Derby, Eng. ....	..... 1881
*Lindsay, John	(Deceased) .....	..... 1852
*Lindsay, Peter	New Richmond, Q. ....	..... 1851
Linton, Adam R.	Burgessville, O. ....	..... 1881
*Livingston, John	(Deceased) .....	..... 1857
*Livingston, Peter S.	Manitoba .....	..... 1870
*Lochead, John S.	Londesboro, O. ....	..... 1861
*Love, Andrew T.	St. Stephens, N.B. ....	..... 1878
Lunam, Henry	Campbellton, N.B. ....	..... 1870

Name.	Present address.	Year of Graduation.
Machar, John M.	Kingston	1857
Malloch, Archibald E.	Hamilton	1867
Malloch, Edward G.	Perth	1868
Malloch, George	Arnprior	1865
Malloch, George W.	Paisley, O.	1850
Mason, James W.	Fort Collins, Col.	1878
Mattice, William D.	(Deceased)	1847
May, John	Ottawa	1857
Meikle, William	—	1881
Miller, Thomas	Milton, O.	1852
Miller, Thomas	Flamboro, O.	1854
*Milligan, George	Toronto	1862
Moore, John	Glentay	1881
*Mordy, John	Walkerton	1875
Morris, Alexander C.	Toronto	1882
Morris, William	Toronto	1882
Morrison, Duncan	Owen Sound	1862
*Morrison, Duncan	Owen Sound	1866
Mowat, Herbert M.	Kingston	1881
*Mowat, John B.	Kingston	1845
Muckleston, John S.	Kingston	1865
Mudie, John A.	Kingston	1863
Mair, Alexander	Markham	1851
Muir James	Fergus	1861
*Muir, James B.	Huntingdon, Que.	1865
*Muir, Peter D.	(Deceased)	1856
Mundell, David E.	Kingston	1883
Mundell, William	Kingston	1875
Murray, James	Berkeley	1882
Murray, Robert C.	Grand Valley, Man.	1882
*Macalister, John	Ashton	1865
Macarthur, Duncan	Ailsa Craig	1878
Macarthur, James	London, Ont.	1875
*Macaulay, Evan	Crieff	1864
MacCraken, John I.	Ottawa	1874
*Macdonald, Alexander	Duntroon	1861
Macdonald, Colin	(Deceased)	1855
*Macdonald, Donald	(Deceased)	1854
*Macdonald, Duncan	Carleton Place	1859
Macdonald, George	Toronto	1878
Macdonald, Herbert S.	Brockville	1859
Macdonald, Patrick A.	Winnipeg	1876
*Macdonnell, Daniel J.	Toronto	1858
Macdonnell, George M.	Kingston	1860
Macdonnell, John M.	Winnipeg, M.	1868
*Macgillivray, Malcolm	Perth	1872
*Mackenzie, Archibald A.	Dalkeith, Scotland	1877
*Mackerras, John H.	(Deceased)	1850

Name.	Present address.	Year of Graduation.
*Maclean, Matthew W.	Belleville	1869
*Maclellan, Alexander	(Deceased)	1857
Maclellan, Donald	—	1848
Maclellan, Donald B.	Cornwall	1857
Maclellan, Finlay M.	Kincardine	1879
Maclellan, James	Toronto	1849
MacLennan, John	Lindsay	1855
*Maclellan, Kenneth	Charlottetown, P.E.I.	1849
Maclellan, William	(Deceased)	1864
Macmillan, Duncan	London	1857
*Macnab, Finlay F.	Arnprior	1859
Macnee, Peter C.	Picton	1873
Macpherson, Henry	Owen Sound	1851
Macpherson, J. P.	Ottawa	1857
MacTavish, Alexander	—	1882
McArthur, George	Finch	1881
McArthur, John A.	Kincardine	1880
McAuley, Alexander	Pictou, N. S.	1883
McBain, Alexander	(Deceased)	1860
McBean, Alexander G.	Montreal	1865
McCallum, Archibald B.	Listowell	1880
*McCannell, Donald	Carberry, Man.	1878
*McCaul, James	Montreal	1859
*McColl, Evan C. W.	Quebec	1866
McCormack, Joseph	Lansdowne	1879
McCulloch, Andrew	Thorold	1871
McDowell, Charles	Renfrew	1877
McDowell, James A.	Sarnia	1867
*McEwan, James	Welland	1852
*McGillivray, Daniel	London, Ont.	1864
McGillivray, Farquhar	Ottawa	1852
McGillivray, Neil J.	Montreal	1848
McGregor, Peter Campbell	Almonte	1866
McGuire, Thomas H.	Kingston	1870
McIntyre, Donald M.	Kingston	1874
*McIntyre, John	(Deceased)	1847
McIntyre, John	Kingston	1861
*McKay, Donald G.	(Deceased)	1865
McKay, Matthew W.	Norwood	1879
McKay, Roderick	Pictou, N. S.	1881
*McKay, William E.	Orangeville	1856
*McKee, William	Alliston	1872
McKenzie, John M.	Sarnia	1856
McKillop, Alexander	Pembroke	1877
*McKillop, Charles	Admaston	1875
*McLaren, Ebenezer D	Brampton	1870
McLaren, James	Nelson	1850
McLaren, John	(Deceased)	1860

Name.	Present address.	Year of Graduation.
McLaren, John Brown	.... Nelsonville, Man.	.. 1876
McLaren, Peter	.... (Deceased)	.. 1854
McLaren, Peter	.... Ormstown	.. 1869
*McLean, Alexander	.... _____	.. 1878
*McLean, Donald J.	.... Arnprior	.. 1855
McLeod, James A. F.	.... _____	.. 1854
McMillan, Hugh H.	.... Dakota	.. 1880
*McMillan, John	.... Truro, N. S.	.. 1862
*McMorine, John K.	.... Thunder Bay	.. 1859
*McMorine, Samuel	.... Bell's Corners, O	.. 1865
McMurchy, Archibald	.... Nipissing	.. 1875
*McPhadyen, Hugh	.... Manilla	.. 1881
McTavish, Daniel	.... Fort Collins, Col	.. 1881
McTavish, Duncan B.	.... Ottawa	.. 1870
*McQuarrie, Alexander R.	.... Quebec	.. 1862
*Nairn, Robert	.... Harvey, N. B.	.. 1879
*Nicholson, Alexander B.	.... Kingston	.. 1867
Nicol, William	.... Cataraqui	.. 1883
*Nimmo, John H.	.... Birminghams'	.. 1867
*Niven, David P.	.... Mount Forest	.. 1867
Noel, John V.	.... Kansas	.. 1863
Nugent, Andrew	.... Dunnville	.. 1876
O'Loughlin, Robert S.	.... New York	.. 1865
O'Reilly, James R.	.... Kingston	.. 1882
*Oxley, Malcom S.	.... E. Templeton	.. 1878
*Patterson, Gilbert C.	.... Summerstown	.. 1878
Pollock, Peter M.	.... Port Carling, O	.. 1881
Pope, Stephen D.	.... Victoria, B.C.	.. 1861
*Pringle, John	.... Kildonan, Man.	.. 1875
Pringle, Robert H.	.... Brampton	.. 1882
Rathbun, Herbert B.	.... Deseronto	.. 1883
Renaud, Allen C.	.... Montreal	.. 1864
Ritchie, George	.... Toronto	.. 1878
Rogers, Robert V.	.... Kingston	.. 1861
Rollo, James	.... Toronto	.. 1852
Rose, George R.	.... (Deceased)	.. 1852
*Ross, Donald	.... Lachine	.. 1860
Ross, George S.	.... _____	.. 1856
*Ross, James	.... Perth	.. 1878
*Ross, John Reid	.... _____	.. 1862
*Ross, Walter	.... (Deceased)	.. 1859
Ross, William A.	.... Ottawa	.. 1855
Rothwell, William	.... Perth	.. 1881
Rowse, Mark R.	.... Bath, O	.. 1870
Scales, Thomas	.... Williamstown	.. 1878
*Scott, Alexander H.	.... Owen Sound	.. 1875
Shannon, Lewis W.	.... Kingston	.. 1877
Shannon, Robert W.	.... Kingston	.. 1875

Name.	Present address.	Year of Graduation
Shaw, John M.	.... Lyn	.. 1883
Shaw, Robert	.... Kingston	.. 1873
Shibley, Henry T.	.... Kingston	.. 1881
Shier, James	.... _____	.. 1863
Shortt, Adam	.... Walkerton	.. 1883
*Sieveright, James	.... Prince Albert, N.W.T.	.. 1855
Simpson James	.... _____	.. 1864
Skinner, John S.	.... Kingston	.. 1883
Smith, Alex. L.	.... Cornwall	.. 1883
*Smith, James C.	.... Guelph	.. 1861
*Smyth, William J.	.... New Carlisle, Ohio	.. 1881
Snook, Marcus S.	.... Kingston	.. 1881
Somerville, James	.... Wallaceburg, O	.. 1858
Sommerville, Jas. A.	.... Arthur	.. 1881
Spankie, William	.... Kingston	.. 1882
Sproat, Alexander	.... Prince Arthur, N.W.T.	.. 1853
Squire, William W.	.... (Deceased)	.. 1854
Steele, Jacob	.... Pinkerton	.. 1883
Stevenson, Alex. J.	.... Minden	.. 1882
Stewart, William	.... Lancaster	.. 1879
Strange, John	.... Kingston	.. 1877
*Stuart, James G.	.... Balderson's Corners	.. 1876
Stuart, Irwin	.... (Deceased)	.. 1870
Sullivan, William	.... Kingston	.. 1862
Sutherland, Robert	.... (Deceased)	.. 1852
Tarbell, Horace S.	.... _____	.. 1862
Thibodo, Augustus J.	.... Prescott, Arizona	.. 1851
Thibodo, Robert	.... Kingston	.. 1862
Thibodo, William B.	.... Winnipeg	.. 1862
Thompson, John R.	.... Olympia, Wash. Ter.	.. 1865
Thomson, George	.... Glasgow, Scotland	.. 1863
Thompson, George M.	.... Glasgow, Scotland	.. 1878
Thomson, John	.... _____	.. 1855
Wallbridge, Asa F.	.... Newcastle, O	.. 1854
*Wallace, Alexander	.... (Deceased)	.. 1847
*Watson, Andrew	.... Lucknow	.. 1861
*Watson, David	.... Beaverton	.. 1850
Watson, Donald	.... (Deceased)	.. 1851
*Watson, Peter	.... Williamstown	.. 1852
Webster, James	.... (Deceased)	.. 1857
Webster, George R.	.... Brockville	.. 1875
Westlake, Henry W.	.... Exeter	.. 1883
*White, Joseph F.	.... Toronto	.. 1877
Wilson, Thomas	.... Glencoe	.. 1877
Wylie, James	.... Manitoba	.. 1864
*Yeomans, Geo. A.	.... Dunnville	.. 1863
Yeomans, Horace P.	.... Mount Forest	.. 1860
Young, Henry E.	.... Napanee	.. 1883
Young, John	.... Melrose	.. 1882

M.A.

Name.	Present address.	Year of Graduation.
Agnew, John	Kingston	1872
*Bain, William	Kingston	1847
Bell, John	(Deceased)	1865
Bell, Josiah J.	Toronto	1877
Bonner, John	(Deceased)	1847
Burgess, James E.	Sydenham, O	1876
*Cameron, Charles I.	(Deceased)	1868
*Cameron, James Y.	Montreal	1867
*Campbell, John	(Deceased)	1850
*Campbell, Robert	Montreal	1858
*Campbell, Robert	Renfrew	1870
*Cattanach, John C.	Sherbrooke	1881
Clarke, Joseph A.	Smith's Falls	1882
Cluness, William R.	Sacramento, Cal.	1859
*Craig, Robert J.	Deseronto	1874
*Cumberland, James	Amherst Island	1880
*Curran, William B.	Hamilton	1870
*Currie, Archibald	Sonya, O	1861
*Dumoulin, John P.	Montreal	1870
Dupuis, Nathan F.	Kingston	1868
*Edmison, Henry	Rothsay, O	1866
*Evans, Joseph	St. Paul's, N. Car.	1857
Fenwick, Kenneth N.	Kingston	1874
*Ferguson, John	Chesley, O	1878
*Fraser, Donald	Mount Forest	1866
Fuller, William H.	(Deceased)	1873
Gibson, William J.	Belleville	1882
*Gordon, James	Niagara Falls	1854
*Gray, John	Orillia	1876
*Hart, Thomas	Winnipeg, Man.	1868
Herald, John	Dundas	1880
Hooper, Edmund J.	Napanee	1861
Hope James A.	(Deceased)	1865
Hunter, James M.	Barrie	1883
*Jardine, Robert	Brockville	1866
Johnson, William	Guelph, O	1852
Kay, William	Goderich	1855
Knight, Archibald P.	Kingston	1874
*Lang, William A.	Lunenburg	1876
*Lindsay, John	(Deceased)	1854
*Lochead, John S.	Londesboro', O	1863
*May, John	Ottawa	1861
Minor, Silas	(Deceased)	1865
*Mordy, John	Walkerton	1878
*Morrison, Duncan	Owen Sound	1868
*Mowat, John B.	Kingston	1847
*Muir, James B.	Huntingdon, Q	1869

Name.	Present address.	Year of Graduation.
Macdonald, Duncan	Carleton Place	1863
Macdonald, Herbert S.	Brockville	1861
*Macdonnell, Daniel J.	Toronto	1860
*Macgillivray, Malcolm	Perth	1874
*Mackerras, John H.	(Deceased)	1852
*Maclean, Matthew W.	Belleville	1872
MacLennan, Donald	—	1862
MacLennan, Donald B.	Cornwall	1861
*MacLennan, Kenneth	Charletown, P.E.I.	1868
*MacLennan, William	(Deceased)	1866
*Macpherson, James P.	Ottawa	1865
McBain, Alexander	(Deceased)	1862
McCallum, Archibald B.	Listowel	1881
McCulloch, Andrew	Thorold	1874
*McEwen, James	Welland	1854
McIntyre, John	Kingston	1872
*McLaren, Ebenezer D.	Brampton	1873
McLaren, John Brown	Nelsonville, Man.	1878
*McLean, Donald J.	Arnprior	1855
*McMorine, John K.	Thunder Bay	1863
*McMorine, Samuel	Bell's Corners, O	1872
McTavish, Daniel	Port Collins, Col.	1882
McTavish, Duncan B.	Ottawa	1873
O'Loughlin, Robert S.	New York	1874
*Patterson, Gilbert C.	Summerstown	1880
*Ross, Donald	Lachine, Q	1862
*Ross, James	Perth	1881
*Ross, Walter	(Deceased)	1862
*Scott, Alexander H.	Owen Sound	1878
Shannon, Robert W.	Kingston	1879
*Smith, James C.	Guelph	1863
Squire, William W.	(Deceased)	1864
Thibodo, Augustus J.	Prescott, Arizona	1854
Thibodo, William B.	Winnipeg	1865
*Thompson, John R.	Olympia, Wash. Ter.	1868
*Watson, David	Beaverton	1854

M.D.

Abbott, Rodney H.	Comber	1879
Abbott, Samuel A.	Belleville	1868
Agnew, John	Kingston	1865
Alexander, Francis R.	Peterboro	1881
Alexander, James A.	(Deceased)	1869
Alway, Enoch	Smithville	1869
Anderson, W. J.	Winchester Springs	1861
Anglin, Robert S.	Springfield, Neb.	1882
Anglin, William G.	Portsmouth	1883
Armstrong, Alfred	(Deceased)	1866

Name.	Present address.	Year of Graduation.
Armstrong, Albert	.... Arnprior	.. 1867
Aylsworth, Arch. K.	.... Newburg	.. 1863
Beattie, William	.... Melbourne, Que.	.. 1866
Beckett, James	.... (Deceased)	.. 1863
Beeman, Thomas W.	.... Odessa	.. 1878
Bell, Alexander	.... Lakefield	.. 1865
Bell, James M.	.... (Deceased)	.. 1857
Bell, John	.... (Deceased)	.. 1866
Bennet, Henry	.... Peterboro	.. 1878
Benson, John R.	.... Gympie, Queensland	.. 1858
Bernard, Gerald	.... Newcastle-on-Tyne..	.. 1871
Bethune, Alexander	.... Wingham	.. 1858
Bethune, Henry F.	.... Nelles' Corners	.. 1869
Betts, Alfred H.	.... (Deceased)	.. 1875
Betts, John H.	.... Portsmouth	.. 1881
Bice, Mark	.... Hampton	.. 1869
Bigham, Hugh	.... (Deceased)	.. 1864
Bigham, James	.... Warsaw	.. 1868
Bigham, John	.... Cataraqui	.. 1865
Bird, Francis W.	.... Brooklyn, N.Y.	.. 1859
Bird, Nelson J.	.... San Francisco, Cal.	.. 1860
Black, William A.	.... (Deceased)	.. 1862
Blakely, Robert	.... (Deceased)	.. 1861
Bleasdell, Charles E.	.... (Deceased)	.. 1861
Booth, Donald B.	.... Odessa	.. 1868
Bowen, George H.	.... Seeley's Bay	.. 1877
Bowen, Robert	.... H. M. Service	.. 1865
Bowers, Samuel S.	.... Fond du Lac, Wis..	.. 1857
Boyle, Arthur R.	.... Petrolia	.. 1859
Branigan, P. K.	.... (Deceased)	.. 1862
Bray, John L.	.... Chatham, O.	.. 1863
Bridgland, Samuel	.... Bracebridge	.. 1870
Brien, James	.... Essex Centre	.. 1872
Brown, Marshall	.... Napanee	.. 1856
Campbell, George	.... H. M. Navy	.. 1859
Campbell, John H.	.... (Deceased)	.. 1856
Campbell, Joseph	.... Paisley, O	.. 1867
Cameron, Alex. D.	.... Lancaster	.. 1882
Carscallen, Allen B.	.... Enterprise	.. 1875
Case, Geo. H.	.... (Deceased)	.. 1876
Chaftey, Ellsworth	.... Lachine	.. 1871
Chamberlaine, Theodore F.	.... Morrisburg	.. 1862
Chambers, Daniel	.... (Deceased)	.. 1855
Chanonhouse, John	.... Eaganville	.. 1863
Chanonhouse, Thomas	.... (Deceased)	.. 1860
Chisholm, Harvey F.	.... (Deceased)	.. 1857
Chown, Henry H.	.... Winnipeg	.. 1880
Clancy, Charles C.	.... Wallaceburg	.. 1883

Name.	Present address.	Year of Graduation.
Clarke, James	.... Bay City, Mich.	.. .. 1868
Clarke, William	.... Ireland	.. .. 1879
Clarke, John	.... Peterboro	.. .. 1872
Clarke, J. G.	.... Meaford	.. .. 1880
Claxton, William	.... Verona	.. .. 1874
Cleaver, J. C. C.	.... Trinidad	.. .. 1879
Cleaver, William F.	.... Trinidad	.. .. 1879
Clinton, George	.... Deseronto	.. .. 1878
Cluness, William R.	.... Sacramento, Cal.	.. .. 1858
Cogan, Jeremiah H.	.... (Deceased)	.. .. 1861
Coleman, William F.	.... St. John, N. B:	.. .. 1863
Comer, Alexander T. C.	.... Titusville, U.S.	.. .. 1864
Corbett, George H.	.... Orillia	.. .. 1856
Corbett, Henry T.	.... Ottawa	.. .. 1868
Cornell, Albert P.	.... Gravenhurst	.. .. 1882
Corry, Robert	.... (Deceased)	.. .. 1861
Coughlan, Richard	.... Waterdown, O.	.. .. 1881
Coutlée, Helier Noel	.... Hull	.. .. 1882
Craig, Hugh A.	.... Cobourg	.. .. 1878
Cranston, James G.	.... Arnprior	.. .. 1860
Crawford, Joseph	.... Durham, O	.. .. 1857
Cryan, John	.... N. Williamsburg	.. .. 1883
Darragh, Robert J.	.... Battersea	.. .. 1866
David, Alfred	.... Atlantic Mines, Mich.	.. .. 1873
Davis, Lewis T.	.... Kingston	.. .. 1883
Davis, Ranson A.	.... Easton's Corners	.. .. 1876
Davis, Robert H.	.... York, Grand River	.. .. 1858
Davidson, Myers	.... Florence	.. .. 1864
Day, Barnabas W.	.... Texas	.. .. 1862
Day, H. W.	.... Trenton	.. .. 1859
Day, Jonathan	.... Fullarton	.. .. 1877
Day, Lewis E.	.... Harwood	.. .. 1880
Day, Walter D. P. W.	.... Harrowsmith	.. .. 1877
Deans, George	.... Trenton	.. .. 1865
Deans, Wm. C.	.... Galt	.. .. 1861
Denike, George H.	.... Fulton, N.Y.	.. .. 1882
Deynard, Adelbert B.	.... Picton	.. .. 1875
Dickson, Charles R.	.... Kingston	.. .. 1880
Dickson, John R.	.... Kingston	.. .. 1863
Dickson, John R.	.... (Deceased)	.. .. 1868
Dingman, William E.	.... Listowell	.. .. 1875
Donavan, Patrick C.	.... Melrose	.. .. 1879
Douglas, Robert	.... Port Elgin	.. .. 1855
Dowsley, David H.	.... Clinton	.. .. 1875
Dowsley, George C.	.... Frankville	.. .. 1875
Dugdale, John J.	.... Montreal	.. .. 1867
Dumble, Thomas H.	.... Gananoque	.. .. 1870
Dumble, William C	.... Owen Sound	.. .. 1877

Name.	Present address.	Year of Graduation.
Dunbar, Samuel	.... (Deceased)	.. 1855
Dunlop, Neil	.... Sydenham, O.	.. 1861
Dunn, Andrew T.	.... North Augusta	.. 1864
Dupuis, James M.	.... Kingston	.. 1881
Dupuis, Thomas R.	.... Kingston	.. 1860
Elmer, William W.	.... Madoc	.. 1858
Ellwell, W. D.	.... (Deceased)	.. 1863
Empey, Charles T.	.... Kingston	.. 1880
Erly, Francis W. J.	.... (Deceased)	.. 1868
Evans, Henry	.... (Deceased)	.. 1858
Evans, Henry	.... Picton	.. 1878
Fairbairn, Archibald C.	.... Minneapolis, Miss.	.. 1871
Farrel, J. T.	.... (Deceased)	.. 1861
Fee, Samuel H.	.... Kingston	.. 1862
Fenwick, Kenneth N.	.... Kingston	.. 1874
Fenwick, Thomas M.	.... Kingston	.. 1864
Ferguson, Charles F.	.... Kemptville	.. 1859
Ferguson, Edward G.	.... Macon, Georgia	.. 1863
Ferguson, Robert B.	.... Winnipeg, Man.	.. 1863
File, Albert J.	.... Ameliasburg	.. 1869
Ford, Herbert Douglas	.... Chicago	.. 1874
Foster, Robert J.	.... (Deceased)	.. 1859
Fowler, Fife.	.... Kingston	.. 1863
Fox, Edward C.	.... —————	.. 1864
Franklin, Benjamin W.	.... Port Burwell	.. 1856
Fraser, Adson S.	.... Sarnia	.. 1869
Fraser, John M.	.... London	.. 1861
Froiland, Herman M.	.... Kingston	.. 1883
Galbraith, John E.	.... Whitby	.. 1880
Garrett, Richard W.	.... Kingston	.. 1882
Gerin, John	.... Auburn, U.S.	.. 1872
Gibson, Andrew M.	.... Clinton	.. 1874
Gibson, William J.	.... Belleville	.. 1881
Giles, John G	.... Gananoque	.. 1860
Gillies, Neil	.... Chesley, Co. Bruce	.. 1871
Gleeson, James H.	.... Syracuse, N.Y.	.. 1864
Grasse, Sydney D.	.... (Deceased)	.. 1864
Gunsolus, Kenneth	.... —————	.. 1871
Hackett, Joseph	.... —————	.. 1858
Hamilton, David	.... Batavia, N.Y.	.. 1862
Harrison, T. S.	.... Selkirk	.. 1869
Harvey, Albert E.	.... Watford	.. 1865
Heggie, David	.... Brampton	.. 1865
Henderson, Donald	.... Winnipeg	.. 1858
Henderson, William	.... (Deceased)	.. 1859
Henderson, William H.	.... Kingston	.. 1879
Hendry, George	.... (Deceased)	.. 1869
Herrimon, Weston Leroy	.... Port Hope	.. 1855

Name.	Present address.	Year of Graduation.
Herrington, Anthony W.	....(Deceased)	.. 1881
Hickey, Daniel C.	....Kingston	.. 1883
Higgins, Edward M.	....Ottawa	.. 1877
Higinbotham, William	....Omemee	.. 1871
Hillier, William	....(Deceased)	.. 1855
Hillier, Solomon C.	....Enniskillen	.. 1869
Hoare, Walter W.	....Strathroy	.. 1864
Hodge, George	....Mitchell	.. 1870
Holmes, F. S. Leroy	....Almonte	.. 1877
Horsey, Alfred	....Ottawa	.. 1865
Horsey, Edward H.	....Chicago	.. 1860
Horton, Robert N.	....Lyn, O.	.. 1879
Hossie, Thomas R.	....Gouverneur, N.Y.	.. 1879
Hourigan, Andrew R.	....Peterboro'	.. 1877
Houston, William R.	....Chatham, O.	.. 1871
Howell, George W.	....Tweed, O.	.. 1867
Howells, Thomas B.	....(Deceased)	.. 1863
Hubbs, Henry A. M.	....Bay City, Mich.	.. 1877
Ingersoll, Isaac F.	....Picton,	.. 1863
Irwin, Chamberlen A.	....Kingston	.. 1863
Jamieson, John	....Kars	.. 1881
Jarvis, Charles E.	....Nilestown	.. 1882
Johnston, Absalom H. J.	....Brockville	.. 1872
Johnston, David A.	....Bridgewater	.. 1881
Johnstone, David	....Kincardine	.. 1868
Jones, Henry M.	....Marmora	.. 1866
Jones, John,	....Kemptville	.. 1874
Joy, Sylvanus	....Woodstock	.. 1857
Judson, George W.	....Wesport	.. 1879
Kahkewaquoaby	....Hagersville, O.	.. 1866
Kellock, John D.	....Perth	.. 1862
Kelly, David	....(Deceased)	.. 1861
Kelly, Edward J.	....Ottawa	.. 1861
Kemp, James A.	....Leamington	.. 1861
Kennedy, Alexander	....Bath	.. 1876
Kennedy, Jacob B.	....Welland	.. 1873
Kennedy, Roderick	....Bath	.. 1863
Kennedy, William B.	....Brainard, Minn.	.. 1878
Kertland, Edwin H.	....Toronto	.. 1865
Kidd, John F.	....Kingston	.. 1883
Kidd, Edward	....Wellington	.. 1871
Kidd, Peter E.	....Midland City	.. 1878
Kilborn, Roland	....Toleno	.. 1879
Kincaid, Robert	....Peterboro	.. 1863
Knight, John H.	....Sombra, Ont	.. 1880
Knox, Henry H.	....Portage du Fort, Q.	.. 1882
Koyl, Frederick	....Ada, Norman Co., Minn.	.. 1882
Lafferty, James	....Regina	.. 1871

Name.	Present address.	Year of Graduation.
Lafferty, William A.	.... Perth	.. 1879
Laidlaw, Alexander R.	.... (Deceased)	.. 1857
Lake, Charles B.	.... Ridgetown	.. 1866
Lambert, Robert	.... Windsor	.. 1859
Lane, Joseph W.	.... Mallorytown	.. 1875
Lavell, Charles H.	.... Kingston	.. 1873
Lavell, Michael	.... Kingston	.. 1863
Lavell, William A.	.... Windsor	.. 1881
Lawlor, Michael	.... (Deceased)	.. 1857
Leavitt, Arvin S.	.... Westport	.. 1869
Leonard, Raymond A.	.... Napanee	.. 1879
Lewis, W. Frederick	.... Napanee	.. 1878
Litchfield, John P.	.... (Deceased)	.. 1863
Lynch, Dennis P.	.... Almonte	.. 1878
Macadam, Samuel T.	.... Pembroke	.. 1873
Macarthur, James	.... London	.. 1878
Macdonald, Alexander R.	.... Brighton	.. 1857
Macdonald, John A.	.... Prince Arthur's Landing	.. 1862
Macpherson, Alexander	.... (Deceased)	.. 1862
McCammon, James	.... Kingston	.. 1863
McCammon, James A.	.... Spencerville	.. 1879
McConnell, Benj. J.	.... Nelsonville, Man.	.. 1881
McCullough, William S.	.... (Deceased)	.. 1875
McDonald, Hugh N.	.... Lake Ainslie, N.S.	.. 1882
McGurn, Joseph S.	.... Alpena, Mich.	.. 1881
McGhie, George S.	.... Elgin	.. 1883
McIntyre, Duncan	.... Wardsville	.. 1864
McKellar, Dugald	.... (Deceased)	.. 1855
McKenzie, Andrew	.... (Deceased)	.. 1862
McKenzie, Edward	.... Smith's Falls	.. 1860
McLaren, Alexander	.... Shannonville	.. 1865
McLean, Caird R.	.... Meaford	.. 1859
McLean, Solomon C.	.... Spencerville	.. 1874
McLean, Thomas F.	.... Goderich	.. 1863
McLennan, Alexander S.	.... Chicago	.. 1873
McMahon, James	.... Texarkana, Texas	.. 1873
McMurphy, Archibald	.... Strange	.. 1883
McNichol, Eugene C.	.... Cobourg	.. 1877
McPhaden, Murdock	.... Brussels	.. 1880
Mann, James	.... Renfrew	.. 1869
Mark, Robert	.... Ottawa	.. 1867
Massie, John	.... Norwood	.. 1865
Masson, Thomas	.... Cape Vincent, N.Y.	.. 1875
Mathesson, Murdoch	.... Aramac, Queensland	.. 1870
Meadows, R. W.	.... H. M. Service	.. 1862
Meagher, Daniel	.... Rimouski	.. 1867
Mercer, John F.	.... Goderich	.. 1855

Name.	Present address.	Year of Graduation.
Miller, Lindsay F.	.... Woodhill, O	.. 1877
Milliner, William S.	.... Rochester, N.Y.	.. 1864
Monro, John C.	.... South Finch	.. 1867
Moore, Andrew	.... (Deceased)	.. 1865
Moore, Thomas A.	.... Kingston	.. 1883
Moore, Vincent H.	.... Brockville	.. 1870
Morden, James B.	.... Picton	.. 1865
Morden, John H.	.... (Deceased)	.. 1859
Mordy, Alfred A.	.... Kars	.. 1882
Mostyn, William	.... (Deceased)	.. 1858
Munro, David	.... Lanark	.. 1867
Murphy, John Bernard	.... Belleville	.. 1876
Neish, James	.... Linstead, Jamaica	.. 1865
Nesbitt, Edward	.... (Deceased)	.. 1868
Newlands, George	.... Morristown, Minn.	.. 1879
Newton, John	.... Deseronto, O	.. 1866
Nichol, James	.... (Deceased)	.. 1863
Odlum, John	.... Lucknow	.. 1880
Oldham, Edmund	.... Sullivan, O	.. 1881
Oliver, Alfred S.	.... Kingston	.. 1863
Oliver, John K.	.... (Deceased)	.. 1868
O'Reilly, Anthony	.... (Deceased)	.. 1861
O'Shea, James F.	.... Dublin, O	.. 1881
O'Sullivan, John	.... Peterboro	.. 1868
Page, Thomas A.	.... Brockville	.. 1883
Parker, Robert	.... Stirling	.. 1861
Patterson, James R.	.... Tiverton	.. 1867
Perrault, Julien	.... San Francisco, Cal.	.. 1857
Phelan, Daniel	.... Kingston	.. 1877
Potter, Levi	....	.. 1870
Potter, Samuel	.... Kemptonville	.. 1875
Potter, Thomas	.... Hazeldon	.. 1876
Preston, Richard	.... Carleton Place	.. 1875
Preston, Robert H.	.... Newboro	.. 1864
Price, Robinson V.	.... Bath	.. 1866
Purdy, Alvany N.	.... Sydenham	.. 1873
Purdy, Charles W.	.... Chicago	.. 1869
Ramsay, Robert	.... Orillia	.. 1861
Reeve, Richard A.	.... Toronto	.. 1865
Reeve, Henry H.	.... Minesing, Simcoe	.. 1880
Reeve, John L.	.... Clinton	.. 1882
Reid, W. D.	.... Montpelier, Vt.	.. 1880
Reily, Adrian	.... Welland	.. 1862
Roche, William P.	.... (Deceased)	.. 1860
Rockwell, Albert	....	.. 1868
Rockwell, Ashbel S.	.... Rochester, N.Y.	.. 1872
Rogers, David H.	.... Lindsay	.. 1881
Rose, George R.	.... (Deceased)	.. 1860

Name.	Present address.	Year of Graduation.
Ross, Thomas K.	.... Webster City, Iowa	.. 1863
Rourke, Francis	.... Port Lambton	.. 1872
Ruttan, Joseph B.	.... Wellington	.. 1863
Rutherford, David B.	.... Morrisburgh	.. 1882
Rutherford, James	.... Orono,	.. 1870
Saunders, Herbert J.	.... Kingston	.. 1869
Saunders, Lawrence	.... (Deceased)	.. 1868
Sayers, Alexander	.... Marion, N.Y.	.. 1870
Scott, William S.	.... Southampton	.. 1855
Scovill, Simmons S.	.... Rat Portage	.. 1877
Searls, Abraham W.	.... (Deceased)	.. 1864
Shirley, Joseph W.	.... Watford	.. 1863
Sievewright, James A.	.... New Westminster, B.C.	.. 1870
Skinner, Henry	.... Kingston	.. 1862
Smith, George	.... (Deceased)	.. 1858
Smith, John R	.... Harrowsmith	.. 1863
Smith, Robert A.	.... N. Williamsburg	.. 1883
Snider, Samuel H.	.... Carman City, Man.	.. 1881
Sommerville, James A.	.... Wallaceburg	.. 1866
Spafford, H. W.	.... (Deceased)	.. 1855
Sparham, George S.	.... North Augusta	.. 1859
Spear, Hugh	.... Leaksdale	.. 1873
Spencer, Henry	.... (Deceased)	.. 1862
Spooner, George D.	.... (Deceased)	.. 1860
Spooner, Hiram R.	.... Angus, O.	.. 1869
Stewart, Alexander J.	.... Sutton, Co. York	.. 1869
Stewart, John M.	.... Chesley	.. 1882
Stowell, Olmsby O.	....	.. 1869
Sullivan, Michael	.... Kingston	.. 1858
Sullivan, Thomas	.... St. Catharines	.. 1863
Sweetland, John	.... Ottawa	.. 1858
Switzer, Wilson J.	.... (Deceased)	.. 1862
Symington, Thomas J.	.... Camlachie	.. 1881
Taylor, James B.	.... Tara	.. 1864
Taylor, William F.	.... Gympie, Queensland	.. 1861
Thibodo, Oliver	.... Phoenix, Arizona	.. 1857
Thibodo, Robert	.... Kingston	.. 1862
Thirkell, William G.	.... Sodus, N.Y.	.. 1861
Thornton, Thomas H.	.... Consecon	.. 1870
Thornton, William M.	.... Stoney Creek, Hamilton	.. 1864
Tracey, Robert	.... Belleville	.. 1862
Tracey, Thomas B.	.... (Deceased)	.. 1865
Trousdale, James D.	.... (Deceased)	.. 1860
Tuttle, Leslie	.... Tweed	.. 1875
Valleau, George Z.	....	.. 1867
Van Allen, John R.	.... Kansas City	.. 1871
Vanvlack, Gilbert J.	.... San Francisco, Cal	.. 1869
Waddell, W. H.	.... Perth	.. 1880

Name.	Present address.	Year of Graduation.
Wafer, Francis M.	....(Deceased)	.. 1867
Walkem, William W.	....Burrard Inlet, B. C.	.. 1873
Walker, Allen H.	....Dundas	.. 1867
Wallace, David	....Metcalfe, O.	.. 1881
Ward, George C. Tremaine	....Napanee	.. 1869
Wartman, Philander C.	....(Deceased)	.. 1864
Watson, Charles V.	....Wellington	.. 1863
Weekes, W. J.	....Winnipeg	.. 1865
Weir, William	....(Deceased)	.. 1861
Wilson, Charles J. C.	....Montreal	.. 1869
Wilson, John A.	....Cuthbert, Ga., U.S.	.. 1863
Wilson, Thomas	....Glencoe	.. 1880
Yates, Horatius	....(Deceased)	.. 1863
Yates, Octavius	....(Deceased)	.. 1856
Yeomans, Horace P.	....Mount Forest	.. 1863
Young, David	....Lower Fort Garry, M.	.. 1871
Young, Daniel	....Conway	.. 1862
Young, William J.	....Carlow	.. 1883
Yourex, John McGill	....Warsaw	.. 1876

*FELLOWS OF ROYAL COLLEGE PHYSICIANS
AND SURGEONS, KINGSTON.*

Bethune, Alexander	....Wingham	.. 1874
Cluness, Wm. B.	....Sacramento, Cal	.. 1871
Dickson, John R.	....Kingston	.. 1866
Dupuis, Thomas R.	....Kingston	.. 1871
Fowler, Fife	....Kingston	.. 1866
Kennedy, Roderick	....Bath	.. 1866
Lavell, Michael	....Kingston	.. 1866
Maclean, Donald	....Ann Arbor, Mich	.. 1866
Mark, Robert	....Montreal	.. 1873
Neish, James,	....Linstead, Jamaica	.. 1871
Oliver, Alfred S.	....Kingston	.. 1871
Reeve, Richard A.	....Toronto	.. 1866
Saunders, Herbert J.	....Kingston	.. 1871
Sullivan, Michael	....Kingston	.. 1866
Yates, Horatius	....(Deceased)	.. 1871
Yates, Octavius	....(Deceased)	.. 1871

LICENTIATES OF R. C. P. S. K.

Abbott, Samuel	....Belleville	.. 1872
Alexander, James A.	....(Deceased)	.. 1869
Alway, Enoch	....Smithville	.. 1869
Bice, Mark	....Hampton	.. 1869
Bigham, Hugh	....Fenelon Falls	.. 1867
Bigham, James	....Warsaw	.. 1868

Name.	Present address.	Year of Graduation.
Booth, Donald B.	.... Odessa	.. 1868
Burgar, E.	.... Welland	.. 1868
Chaffey, Ellswood	.... Lachine	.. 1870
Chamberlane, Theodore F.	.... Morrisburg	.. 1871
Clapham, Edward	.... Belleville	.. 1868
Close, James	.... Ohio, U.S	.. 1873
Coleman, Wm. F.	.... St. John, N.B.	.. 1871
Corbett, Henry T.	.... Ottawa	.. 1868
Cornell, Charles	.... Farmersville	.. 1872
Davidson, Myers	.... Florence	.. 1871
Day, Barnabas W.	.... Kingston	.. 1871
Dickson, John R.	.... (Deceased)	.. 1868
Dowsley, D. H.	.... Clinton	.. 1875
Dugdale, John J.	.... Montreal	.. 1867
Erly, Francis W. J.	.... (Deceased)	.. 1868
File, Albert J.	.... Ameliasburg	.. 1869
Fraser, Allen H.	.... (Deceased)	.. 1867
Graham, William J.	.... Bothwell	.. 1873
Gunsolus, Kenneth	....	.. 1874
Hall, John D.	.... Brockville	.. 1878
Hendry, George	.... (Deceased)	.. 1869
Herriman, Weston Leroy	.... Port Hope	.. 1869
Higginbotham, A.	.... (Deceased)	.. 1868
Horsey, Edward H.	.... Chicago	.. 1871
Houston, William R.	.... Chatham	.. 1871
Hutchison, John	.... Meaford	.. 1869
Johnstone, David	.... Kincardine	.. 1868
Kidd, Edward	.... Wellington	.. 1871
Knight, John H.	.... Sombra	.. 1880
Lavell, Charles H.	.... Kingston	.. 1873
Lavell, William A.	.... Newburgh	.. 1880
Maclean, Archibald	.... Ann Arbor, Mich.	..
Mark, Robert	.... Montreal	.. 1867
McDowell, John	.... Shawville	.. 1880
Meadows, R. W.	.... H. M. Service	.. 1862
Meagher, Augustus	.... (Deceased)	.. 1869
Munro, David	.... Lanark	.. 1867
Murphy, H. J.	.... Chatham	.. 1867
Maclean, Donald	.... Ann Arbor, Mich.	.. 1868
McLennan, Alexander S.	.... Chicago	.. 1873
Nesbitt, Edward	.... (Deceased)	.. 1868
Newell, James	.... Springfield	.. 1869
Noel, J. V.	.... Kansas	.. 1867
Oliver, J. K.	.... (Deceased)	.. 1868
O'Sullivan, John	.... Peterboro	.. 1868
Patterson, James R.	.... Tiverton	.. 1869
Price, Robinson B.	.... Bath	.. 1871
Purdy, Charles W.	.... Chicago	.. 1869

Name.	Present address.	Year of Graduation.
Rourke, Francis	.... Port Lambton	.. 1867
Spear, Hugh	.... Leaksdale	.. 1868
Stewart, Alexander J.	.... Angus	.. 1869
Thibodo, Robert	.... Kingston	.. 1868
Van Allen, John R.	.... Kansas City	.. 1870
Vanvlack, Gilbert	.... San Francisco	..
Wafer, Francis W.	.... (Deceased)	.. 1867
Young, David	.... Lower Fort Garry, M.	.. 1871

§ *ALUMNI*

Of not less than Two Years Standing.

Those marked with an asterisk are Clergymen.

Name.	Date of first Registration.	Address.
Allan, Andrew	....1844	Perth.
*Andrew, Joseph	....1879	Middleville.
Bain, William R.	....1858	Montreal.
*Ball, William S.	....1842	Proof Line.
Bamford, Frederick J.	....1876	Winnipeg.
Bawden, J. R.	....1855	Kingston.
Bethune, James, Q.C.	....1856	Toronto.
Bethune, William S.	....1879	
*Borthwick, H. J.	....1855	Mountain City,
Brownell, James E.	....1877	
*Byers, Henry	....1848	Kingston.
Calvin, H. A.	....1868	Garden Island.
*Cameron, David	....1853	Maple.
*Cameron, Hugh	....1856	Kippen.
*Cameron, J. J., M.A.	....1871	Pickering.
Campbell, John R.	....1879	Wingham.
Cargill, Henry	....1856	Nassagaweya.
*Carmichael, James, B.A.	....1858	Norwood.
*Carmichael, James	....1854	Strange.
Cameron, A. H., B.A.	....1869	Turtle Mountain, M.
Chambers, John N.	....1875	Woodstock, O.
*Chambers, W. A.	....1871	Erzeroum, Turkey.
Clapp, David P.	....1873	
Cook, William	....1858	Quebec.
Crawford, Angus	....1869	Cobourg.
Dickson, Edwin H.	....1867	Fargo, Dacotah.
*Doudiet, C. A.	....1866	Montreal.
Drummond, Robert J.	....1855	Perth.
Duff, John M.	....1872	Walkerton.
Duff, John	....1850	Kingston.
Elmore, Minor M.	....1875	
Farnden, Hunter R.	....1842	
*Ferguson, John, B.A.	....1858	Maple Valley, M.
Flanigan, John	....1858	
Forrest, David	....1879	
Fraser, Nutting S.	....1881	St. John's, Newf'd.
Galbraith, Malcolm C.	....1853	Bowmanville.

§ The Registrar will be much obliged for notices of additions or corrections to this List.

Name.	Date of first Registration.	Address.
*Goodwill, John	....1858	Orwell Head, P.E.I.
Grant, James A.	....1874	Ottawa.
*Gray, James M.	....1861	Stirling.
Hamilton, Clark	....1848	Kingston.
Hamilton, John	....1844	Cy. Atty. Algoma.
Hendry, Thomas	....1868	Kingston.
Hobart, S. W.	....1879	Kingston.
Hooper, John G.	....1879	Kingston.
Ireland, Alex. H.	....1866	Strathroy.
Ireland, James O.	....1850	Toronto.
Ireland, William	....1850	Chatham, O.
Irvine, Richard W.	....1878	
Johnston, William	....1878	
*Kellock, David	....1878	Spencerville.
*Lamont, Hugh, D.D.	....1861	Dalhousie Mills.
Lane, Morgan	....1863	Clayton, O.
Malloy, William	....1865	
Macdonald, H. J.	....1865	
McArthur, Charles	....1879	Winnipeg.
McArthur, John M.	....1878	
*McColl, Angus	....1842	Chatham, O.
*McEachern, Charles	....1873	Inverness, Scotland.
*McEachern, Duncan	....1869	Dundee Centre, Q.
McGeachy, William, M.D.	....1861	Fingal, O.
*McGillivray, Alexander	....1871	Williamstown.
McGregor, Alexander	....1862	Williamstown.
McIntosh, Hugh,	....1876	
*McIntyre, C. E.	....1863	
McKenzie, John J.	.....
McLaren, Archibald	....1878	
McLean, Archibald B.	....1865	Smith Falls.
McLean, Donald A.	....1877	
*McLean, John	....1874	(Deceased.)
*McMillan, George, B.A.	....1875	
McNabb, Frank	....1880	Pittsburg.
McNutt, George A.	....1878	
*McPherson, Lachlan	....1842	Williams.
McRossie, Allan	....1880	Kingston.
Moir, Robert	....1878	
Motherwell, James W.	....1873	Perth.
*Muckleston, W. J.	....1864	Edwardsburgh.
*Mullan, Elias	....1861	
*Mullan, J. B.	....1856	Fergus.
*Mullan, J. S.	....1854	Nashwaak, N.B.
Mulock, William R.	....1865	Winnipeg.
Ovens, Rufus K.	....1879	Wilton.
*Paul, James T.	....1842	Balsover.
Pollock, John R.	....1877	(Deceased.)

Name.	Date of first Registration.	Address.
*Porteous, George	....1854	Toledo.
Pratt, Abraham A.	....1879	
Renton, Thomas T.	....1879	Kingston.
Riddell, Alex. F.	....1867	Montreal.
Ross, Alex. J.	....1866	Toronto.
Ross, Archibald	....1872	
*Ross, Donald	....1853	London.
Ross, Livingston	....1879	
Roy, Henry	....1880	Chisholm, P.E.I.
Smith, James	....1877	Toronto.
Smith, Robert L.	....1879	Appleton.
Snodgrass, John A.	....1868	Canonbie, Scotland.
*Strachan, Donald	....1865	Rockwood.
Strange, O. S., M.D.	....1842	Kingston.
Stewart, Alexander S.	....1878	(Deceased.)
*Sym, F. Petry	....1848	Melbourne, Q.
Taft, J. N.	....1877	Haber, N.Y.
*Taylor, Hugh	....1873	Pakenham.
Thomson, Andrew W.	....1879	Winnipeg.
Walkem, Hugh	....1875	
*Wallace, Robert	....1842	Toronto.
Ward, David	....1850	Almonte.
Welch, Frederick1867	Kingston.
*Wilkins, T. W., B.A.1863	Belgrave.
Wright, Henry A.1879	Toronto.

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